



INTERSTATE SIGN DESIGN GUIDELINES

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GEORGIA DEPARTMENT OF TRANSPORTATION

DESIGN GUIDELINES FOR SIGNS ON THE INTERSTATE

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Section 1

INTRODUCTION

Signing for Interstate highways and other limited access roads requires the use of good judgement for placement and spacing so that the signs can receive the proper attention. These guidelines provide a reference to promote uniformity in design and placement so as to provide information to the motoring public in a logical sequence that is readily understood. The use of auxiliary signs, which clutter the right-of-way, is to be avoided.

This manual is a supplemental manual to the Sign Design Manual and specifically addresses issues for signing on interstate highways and other limited access roads. The applicable portions of Sections 1 and 2 of the Sign Design Manual should be used as a reference.

1.1 Definitions

- *MUTCD* – Manual on Uniform Traffic Control Devices is approved by the Federal Highway Administrator as the national standard for the placement and standardization of all signs, signals, and markings placed on public facilities.
- *AASHTO Green Book* – A Policy on Geometric Design of Highways and Streets as published by the American Association of State Highway and Transportation Officials. This publication provides guidance on the physical design of highways and streets.
- *Physical gore* – the point, as defined in the AASHTO Green Book, where the ramp intersects with the mainline facility and the pavement surface changes.
- *Theoretical gore* – the point, as defined in the AASHTO Green Book, where the ramp separates from the mainline facility.
- *Entrance ramp end* – the point, as defined in the AASHTO Green Book, where the full width of the ramp entering a facility becomes less than the full lane width.

- *Guide signs* – show route designations, destinations, directions, distances, services, points of interest, and other geographical, recreational, or cultural information.
- *Warning signs* – give notice of a situation that might not be readily apparent.
- *Regulatory signs* – give notice of traffic laws or regulations.
- *Special roadside signs* – guide signs that are manufactured using extruded aluminum panels and are ground mounted.
- *Overhead signs* – signs that are manufactured using extruded aluminum panels and are mounted over the roadway facility.
- *Type I, bridge overhead sign structure* - A horizontal structure spanning the roadway and supported at each end by columns.
- *Type II, cantilever overhead sign structure* – A horizontal structure supported at one end by a single column. No new Type II structures shall be installed.
- *Type III, butterfly overhead sign structure* – A horizontal structure extending in opposite directions from a single column support.
- *Type IV, combination overhead sign structure* – A horizontal structure having two supports, only one of which is at one end of the structure.
- *Type V, cantilever overhead sign structure* – A single rigid tube type horizontal arm supported at one end by a single tubular support pole. This structure is for non-illuminated flat sheet aluminum signs without maintenance walkways.

- *Type VI, bridge overhead sign structure* – A single rigid tube type horizontal structure supported at both ends by single tubular support poles. This structure is for non-illuminated flat sheet aluminum signs without maintenance walkways.
- *Type VII, bridge-mounted overhead sign structure* – A structural frame attached to a grade separation structure.

Section 2

LOCATION AND SEQUENCE OF SIGNS

In order to provide for the proper spacing between signs and to provide consistent information to the motoring public, a standard sequence and spacing is desirable when exiting and entering a limited access facility. It is desirable to locate signs 800 feet apart; however, because of physical limitations this may not be possible. As a minimum the designer should maintain spacing at 500 feet between signs.

2.1 Exit Signing

The timely display of information when exiting the limited access facility provides the road user with critical information to make a decision without being confused. The MUTCD classifies interchanges in the following ways:

- Major interchanges are subdivided into two categories: (a) interchanges with other expressways or freeways, or (b) interchanges, other than those named in (a), with high-volume multilane highways, principal urban arterials, and major rural routes where the volume of interchanging traffic is heavy or includes many road users unfamiliar with the area.
- Intermediate interchanges are those with urban rural routes not in the category of major or minor interchanges as defined herein.
- Minor interchanges include those where traffic is local and very light, such as interchanges with land service access roads. Where the sum of exit volumes is estimated to be lower than 100 vehicles per day in the design year, the interchange is classified as minor.

For major interchanges two and preferably three Advance Guide signs shall be used. Placement should be at two miles, one mile, and one-half mile in advance of the physical gore of the exit when three signs are used. When only two Advance Guide signs are used

they shall be placed one mile and one half mile in advance of the physical gore of the exit. Interstate-to-interstate interchange guide signs can be diagrammatic.

For intermediate interchanges, two Advance Guide signs should be used. Placement should be at one mile and one-half mile from the physical gore of the exit. Minor interchanges require only one Advance Guide sign located one-half mile from the physical gore of the exit ramp.

All interchanges require an overhead Exit Guide sign placed at the theoretical gore of the exit ramp. Figure 2-1 indicates the location of the required exit signs.

Rest areas require only one advance exit sign placed one mile in advance of the physical gore of the ramp. An exit sign is required at the theoretical gore of the exit ramp.

To accommodate physical issues associated with the location of the advance exit signs, consideration may be given to moving the location of the advance signs up to one-half mile in one-quarter mile increments.

Although the exit signing has provisions for up to three destinations, no more than two destinations should be included on the signs, with the same destinations and order on all signs in the same direction. The closest destination is listed first. If the destinations include a road, the road should be listed first on the signs.

For interchanges where it is desirable to indicate more than two destinations, a supplemental sign may be used. Supplemental guide signs shall be located midway between exit sequence signs.

The use of other signs within the exit sign sequence is to be avoided unless the signs are political boundary signs or required regulatory signs, warning signs or logo signs.

The default background color for all guide signs is green. For guide signs that are clearly associated with cultural and recreational destinations, the background shall be brown. Interstate shields and guide signs for evacuation routes shall have a blue background. In addition, information signs concerned with road user services shall have a blue background. These signs include Ride Share, Hospital, Rest Area, Dial 911, and Tourist Information Center.

2.2 Interchange Downstream Sequence

If an interchange is for new traffic that is entering the facility, the downstream sign sequence must identify the route and speed limit. Interchanges associated with traffic that is continuing on the facility (e.g., rest areas, weigh stations) do not require a downstream sign sequence. The standard sequence of signs to be provided is described below.

- *Merge Sign* – If the entrance ramp is a non-continuing lane, the merge sign shall be a W4-1X(48), where X is either R (for right) or L (for left) depending on the side of the mainline road on which the ramp is located. The W4-1X(48) sign shall be located 500 feet upstream from the physical gore of the entrance ramp.

If the entrance ramp is a continuing lane, the sign shall be a W4-3X(48), where X shall either R (for right) or L (for left) depending on the side of the mainline road on which the ramp is located. The W4-3X(48) sign shall be located as close as possible to the physical gore of the entrance ramp and where the sign may be viewed by both the mainline traffic and the entrance ramp traffic.

- *Route Confirmation Sign* – The route shield(s) and direction(s) should be indicated 500 feet downstream from the full width end of the entrance ramp.
- *Speed Limit Sign* – The speed limit sign should be placed 1000 feet downstream from the route confirmation sign.

- *Minimum Speed Sign*– The minimum speed sign should be placed 1000 feet downstream from the speed limit sign.
- *Destination Sign* – As an option, a destination sign may be used giving mileage for the next exit and a control city. This sign should be located 1000 feet downstream from the speed limit sign in place of the minimum speed sign. The mileage shall be the distance to the center of the destination. Any destinations listed on the sign other than the control city shall be associated with the next exit.

Figure 2-2 illustrates the location and position of the downstream interchange sequence.

In locations with closely spaced interchanges, the downstream sequence may have to be altered or eliminated because of exit signing for the next interchange.

2.3 Political Boundary Signs

Political boundary signs are required at the boundary of political entities (county and city). These signs must be placed as close to the actual boundary as possible and shall have a green background. If the political entity has a radar permit, then an I550-1 (Speed Checked by Detection Devices) sign should be located 500 feet downstream from the political boundary sign.

2.4 Waterway Signs

Signs indicating waterways shall be posted only if the waterway is located on the state map. These signs shall have a green background unless the waterway is clearly a recreational facility, and then the sign shall have a brown background.

2.5 Hospital Signs

Hospital signs shall be located as supplemental guide signs. All hospital signs shall have a blue background.

2.6 Bridge Caution Sign

The “Caution Bridge May Ice In Winter” sign (W560-1) shall be located 500 feet in advance of any bridge structure.

2.7 No Trucks Over 6 Wheels Allowed in Left X Lanes

The “No Trucks Over 6 Wheels Allowed in Left “X” Lanes” sign (R554-X) is a standard regulatory sign that is attached to all overhead road bridge structures. The value of “X” is determined by subtracting 2 from the number of lanes. If road bridge structures are not available, a Type I structure may be used. Caution is to be used in attaching signs to bridges, in accordance with the February 8, 1980 memo from J.T. Kratzer PE, State Bridge Engineer to Archie C. Burnham PE, State Traffic and Safety Engineer. A copy of this memo is included as Figure 2-3. Use of the R554 sign may vary depending on location.

2.8 Emergency No Parking

The “Emergency No Parking” sign (R8-4) is a standard regulatory sign that should be posted at approximately eight to ten mile intervals.

2.9 Up To \$1000 Fine Throwing Trash on Highway

The “Up To \$1000 Fine Throwing Trash on Highway” sign (R553-1) is a standard regulatory sign that should be posted at approximately eight to ten mile intervals and at the state boundary.

2.10 Slower Traffic Keep Right

The “Slower Traffic Keep Right” sign (R4-3) is a standard regulatory sign that should be posted at approximately six to eight mile intervals. This sign is to be posted on the left side of the road. This sign should be used only on roadways with three or more lanes in one direction.

2.11 Keep Off Median

The “Keep Off Median” sign (R11-1) is a standard regulatory sign that should be posted at approximately six to eight mile intervals in areas where there is a grass median. Mount the sign on a breakaway post on the left side of the road.

2.12 Lights On When Raining

The “Lights On When Raining” sign (R554-1) is a regulatory sign that shall be posted at approximately 20-mile intervals and at the state boundary.

2.13 Buckle Up It’s The Law

The “Buckle Up It’s The Law” sign (R560-1) is a regulatory sign that shall be posted at approximately 20 mile intervals and at the state boundary.

2.14 They Kill Don’t Do It

The “They Kill Don’t Do It” sign (R560-2) is a regulatory sign that shall be posted at approximately 20-mile intervals and at the state boundary.

2.15 Reduced Speed Ahead

The “Reduced Speed Ahead” sign (R2-5) is a standard regulatory sign that shall be posted 1000 feet in advance of all speed limit reductions.

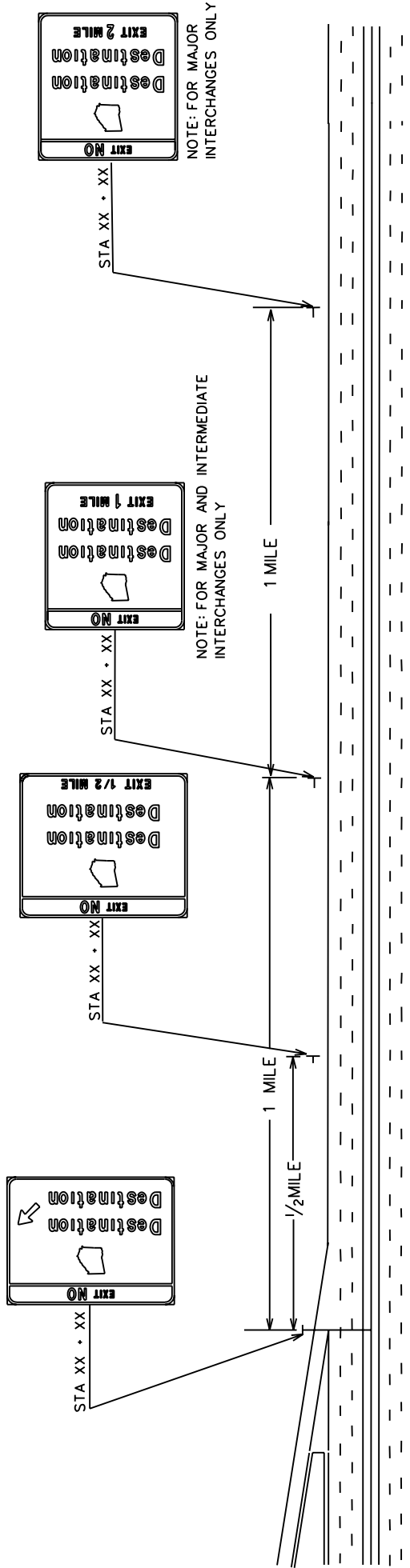


FIGURE 2-1 NORMAL EXIT SIGN SEQUENCE

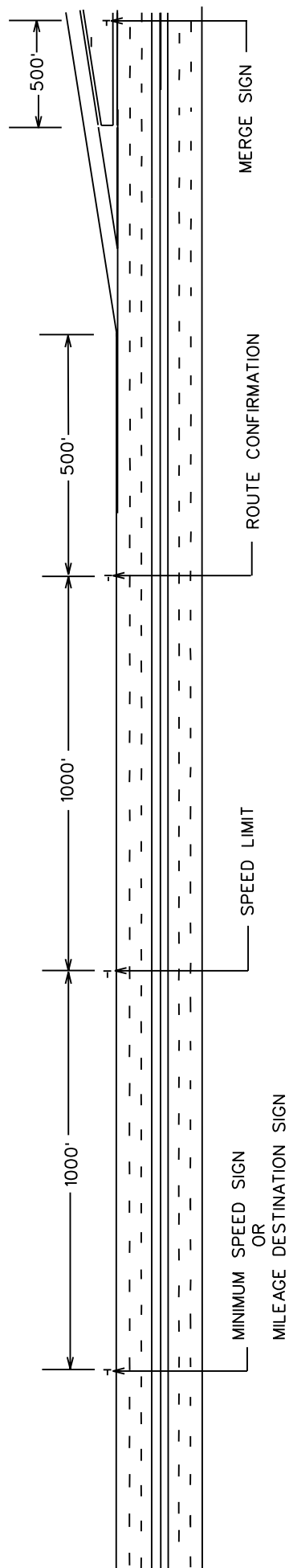


FIGURE 2-2 DOWNSTREAM INTERCHANGE SIGN SEQUENCE

Section 3

SPECIFIC SIGN SEQUENCING FOR PARTICULAR APPLICATIONS

The sequence and spacing of signs for some specific applications is defined and should be adhered to, using engineering judgement. These particular applications are lane reduction, lane drop (continuous lane), and lane drop (auxiliary lane).

3.1 Lane Reduction

The lane reduction application is used for ending a lane between interchanges. Figure 3-1 indicates the four warning signs, the sign spacing, and the pavement marking spacing required. The signs are:

- W20-5AR (1/2 mile) – Right lane ends 1/2 mile
- W20-5AR (1500 FT) – Right lane ends 1500 feet
- W9-1R – Right lane ends
- W4-2R – Graphical right lane ends

3.2 Lane Drop - Continuous to Exit Lane

The Lane Drop – Continuous Lane application is used for ending a lane as part of an exit, where the lane has been continuous prior to the exit. Figure 3-2 indicates the specific signs, and the sign and pavement marking spacing required. The only sign required other than the exit signing (see Section 2.1) is the “Right Lane Exit Only” sign (R553-7), which is a standard regulatory sign.

3.3 Lane Drop - Auxiliary Lane

The Lane Drop – Auxiliary Lane application is used for ending a lane as part of an exit where the lane has not been continuous prior to the exit. Figure 3-3 indicates the specific signs, and the sign and pavement marking spacing required. The only sign required other than the exit signing (see Section 2.1) is the “Right Lane Exit Only” sign (R553-7), which is a standard regulatory sign.

3.4 Lane Drop – Drop Option

The Lane Drop – Drop Option application is used for ending a lane as part of an exit when a second exit lane has the option of exiting. Figure 3-4 indicates the specific signs required. The only sign required other than the exit signing (see Section 2.1) is the “Right Lane Exit Only” sign (R553-7), which is a standard regulatory sign.

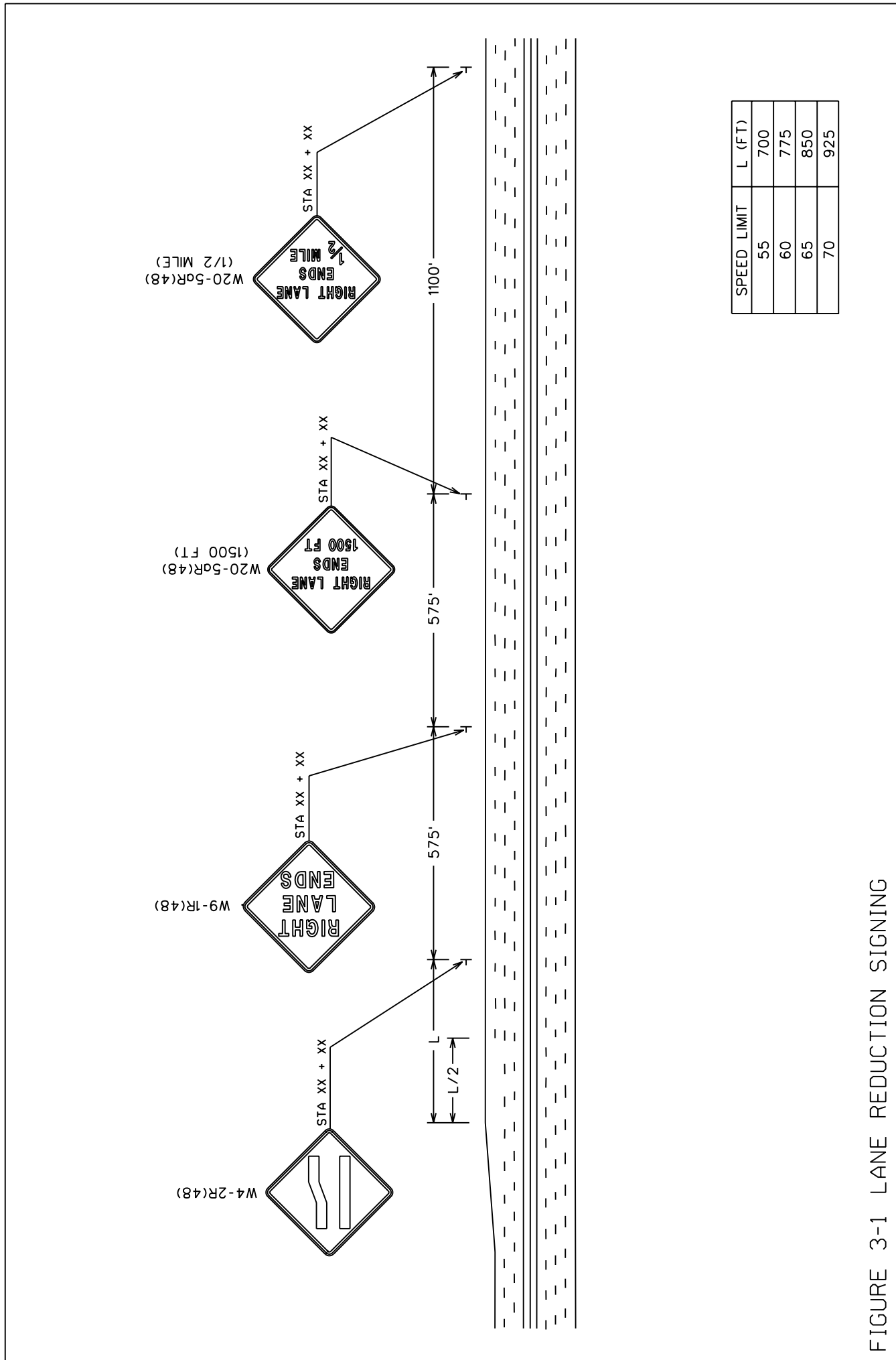


FIGURE 3-1 LANE REDUCTION SIGNING

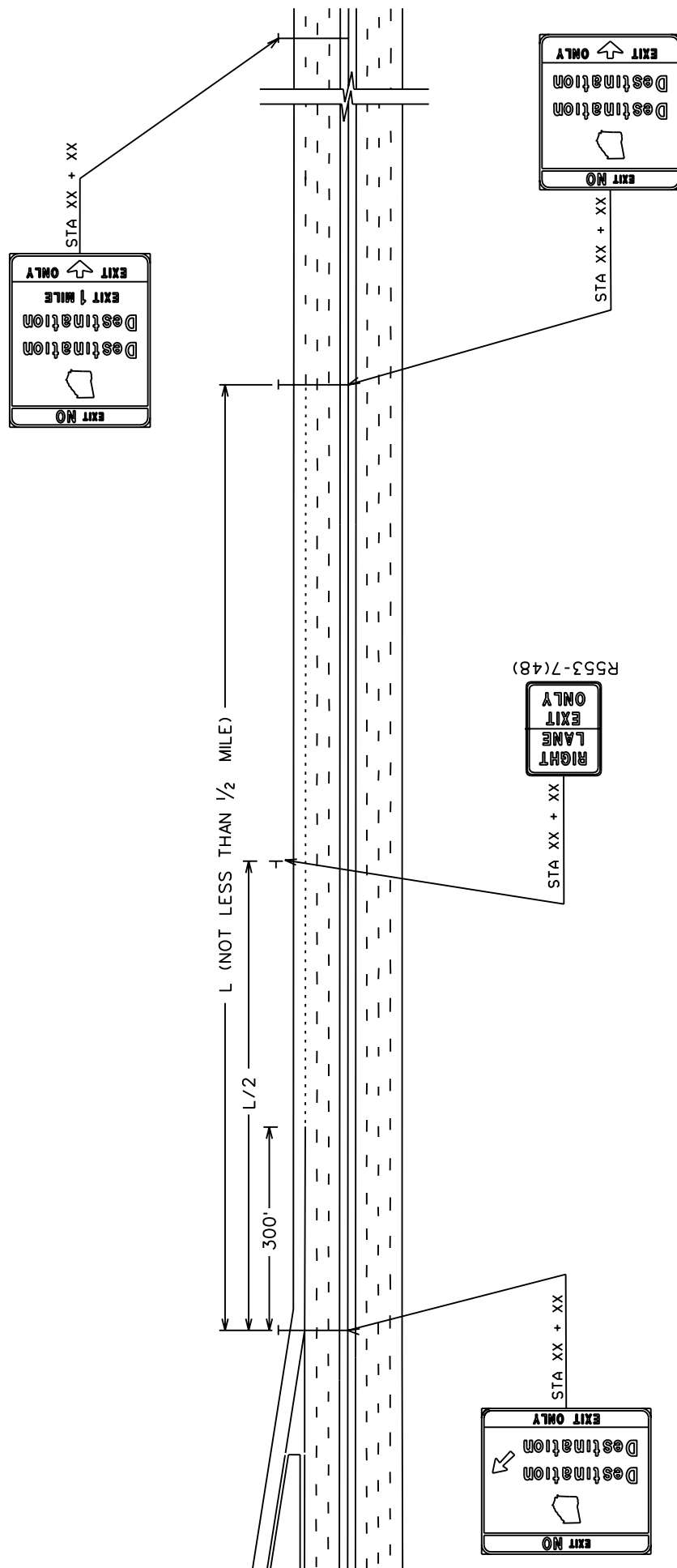


FIGURE 3-2 LANE DROP SIGNING (CONTINUOUS LANE)

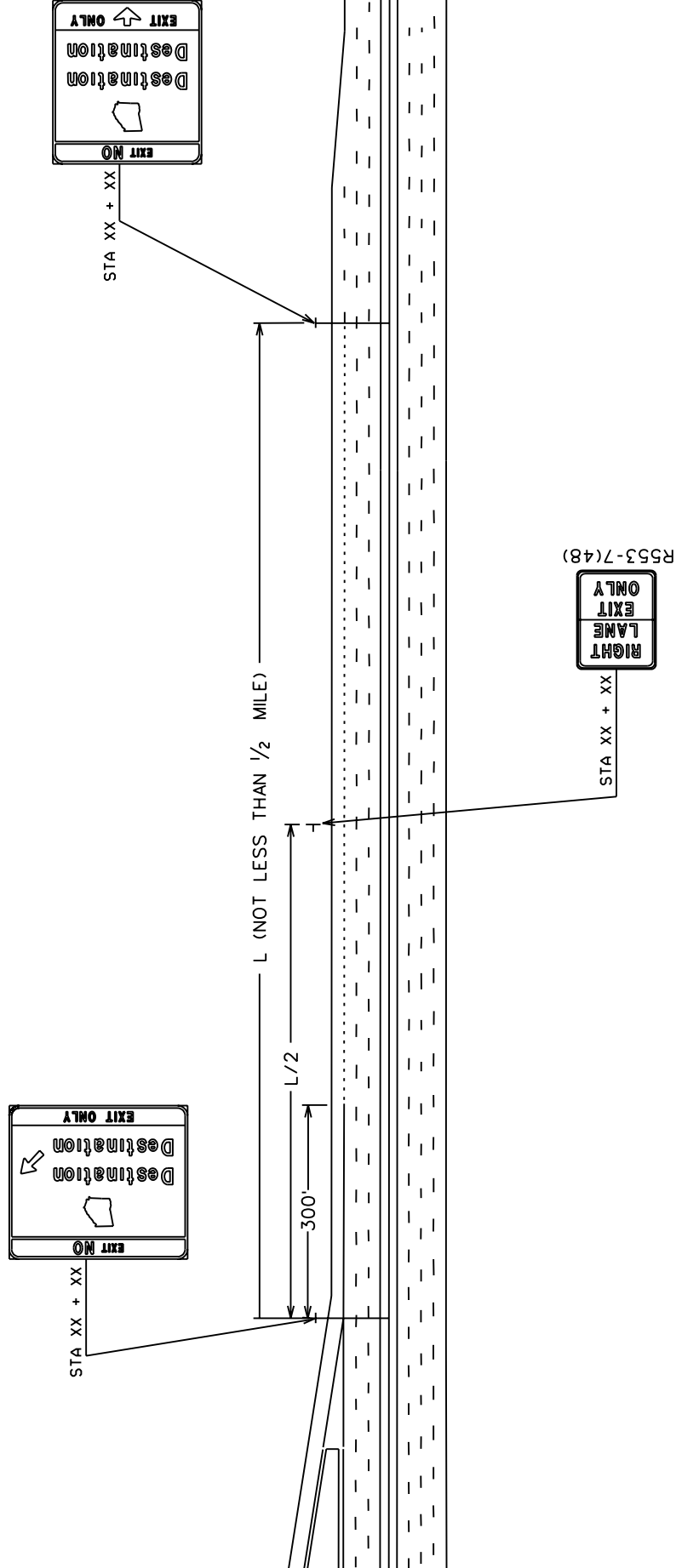


FIGURE 3-3 LANE DROP SIGNING (AUXILIARY LANE)

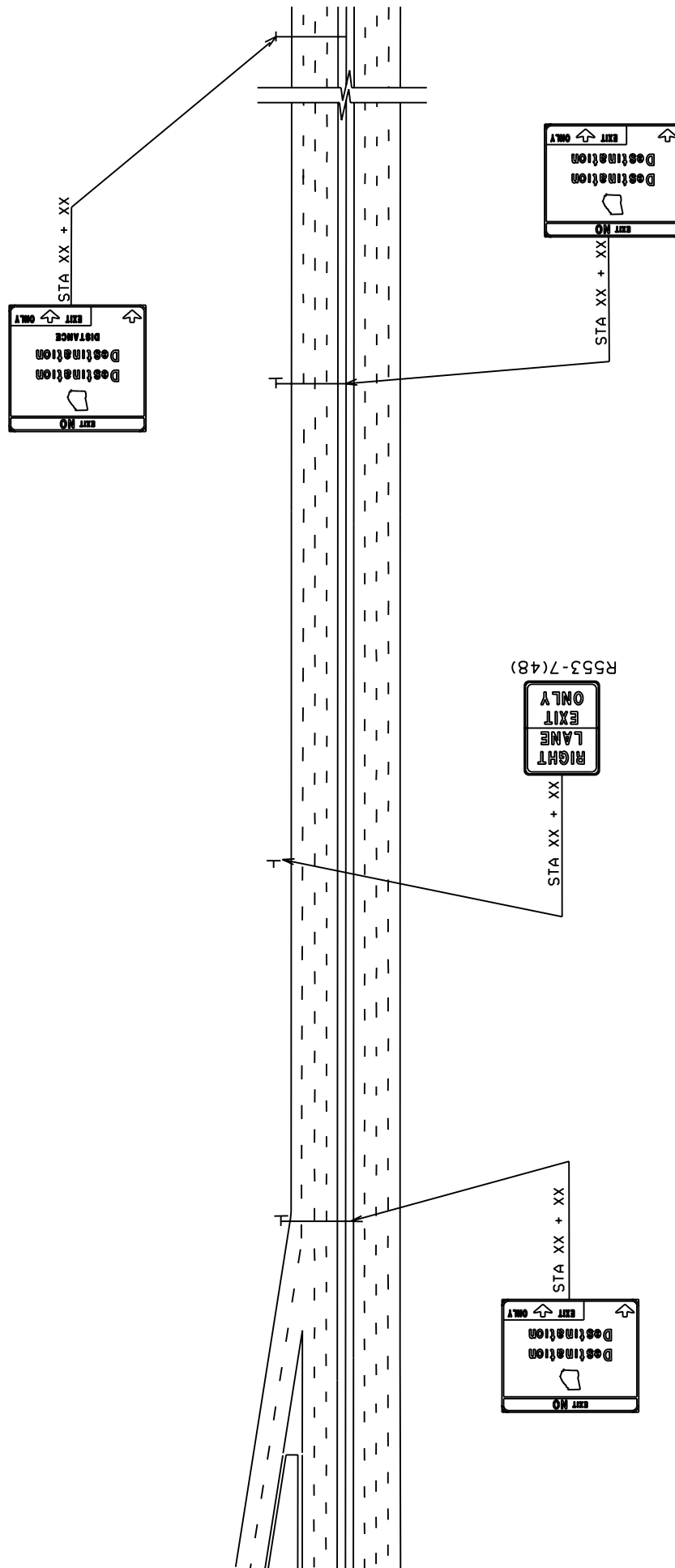


FIGURE 3-4 LANE DROP SIGNING (DROP OPTION)

Section 4

STANDARD SIGNS

4.1 General

Standard signs are all signs mounted along the side of the road which are flat sheet aluminum blanks (either 0.08" or 0.10" thick aluminum). These signs are mounted on square tube sign posts (Type 7, Type 8 or Type 9). Most standard signs are either regulatory or warning signs with the size of the sign determined by sign code and facility type. Figures 4-1, 4-2 and 4-3 show the size of standard signs.

The area (square footage) of the sign determines the type of sign blank that is used for each sign. If the area exceeds nine square feet, a 0.10" thick aluminum sign blank (Type 2 sign material) is required. For any sign with an area less than or equal to nine square feet a 0.08" thick aluminum sign blank (Type 1 sign material) may be used.

Design plans must specify the number, type, length and spacing of sign posts for standard signs. All standard signs 48" or greater in width require the use of at least two sign posts. Figure 4-4 provides a chart for the selection of the number and type of signposts. In order to use the chart, the width, height, area and mounting height of the sign must be known. Details for mounting a single sign support are also shown in Figure 4-4. Figure 4-5 shows the details for mounting signs using a breakaway support. The spacing for signs using two posts is determined by the sign blank size. Figure 4-6 shows the standard signs and the mounting holes in the sign blanks.

The design plans identify location of standard signs to be installed, with the station number, sign code and sign template with no dimensions. No two signs shall have the same station number. The locations of standard signs that shall be removed are indicated by the sign template with no dimensions, the station number, and the note "REMOVE HIGHWAY SIGN, STANDARD X EACH." Existing standard signs that shall remain are shown with the sign template with no dimensions and the note "RETAIN IN PLACE."

The following are common pay items are associated with Standard Signs:

ITEM NO.	DESCRIPTION	UNIT
610-6515	REM HIGHWAY SIGN, STD	Each
611-5360	RESET HIGHWAY SIGN	Each
636-1020	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	SF
636-1029	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	SF
636-1031	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 6	SF
636-1032	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 6	SF
636-2070	GALV STEEL POSTS, TP 7	LF
636-2080	GALV STEEL POSTS, TP 8	LF
636-2090	GALV STEEL POSTS, TP 9	LF
636-3010	BREAKAWAY SIGN SUPPORT, TP 8	Each

An example of the Summary of Quantities provided for the standard signs using Type 3 sheeting and Type 6 sheeting is shown in Figure 4-7. An example of the Summary of Quantities for standard signs to be removed is shown in Figure 4-8.

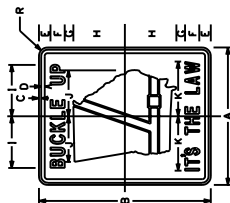
The following notes (which are subject to change) shall be placed with the Summary of Quantities for Standard Signs.

1. ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS. THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.
2. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC SAFETY AND DESIGN.
3. ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY.
4. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON INTERSTATE HIGHWAYS SHALL BE 32 FEET FROM THE NORMAL EDGE

OF PAVEMENT TO THE NEARER EDGE OF THE SIGN, UNLESS SPECIFIED OTHERWISE IN THE PLANS. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON RAMPS SHALL BE 2 FEET FROM THE NORMAL EDGE OF PAVED SHOULDER, OR EDGE OF GRADED SHOULDER WHEN PRESENT.

5. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON ALL OTHER ROADWAYS SHALL BE 6 FEET FROM THE EDGE OF THE PAVED SHOULDER OR 12 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), WHICHEVER IS GREATER. THE HORIZONTAL CLEARANCE IN NON-MOUNTABLE CURB SECTIONS SHALL BE AT LEAST 2 FEET FROM THE CURB FACE TO THE NEARER EDGE OF THE SIGN(S).
6. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS MOUNTED BEHIND GUARDRAIL SHALL BE 6 FEET FROM THE FACE OF THE GUARDRAIL TO THE NEARER EDGE OF THE SIGN(S).
7. SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAPS. THE STRAPS SHALL BE FLUSH WITH THE BACK OF THE SIGN WITH ONE EACH ACROSS THE TOP AND BOTTOM OF THE SIGN. THE CENTERLINE OF EACH POST SHALL BE INSET 1/6 TH OF THE SIGN WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE 3/8 INCH DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS.
8. EACH 42 OR 48 INCH WIDE X 18 OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED IN THE CENTER OF THE SIGN AND FLUSH WITH BACK OF THE SIGN.
9. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.
10. TYPE III (ENCAPSULATED LENS), REFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT AS SPECIFIED BELOW OR SPECIFIED OTHERWISE IN THE PLANS. EITHER CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE.
11. TYPE VI (WIDE ANGLE PRISMATIC) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3A, R1-4A, R5-1, R5-1A).

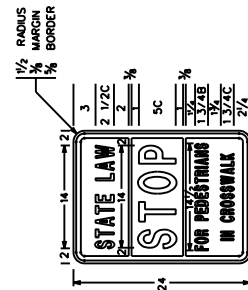
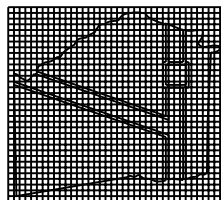
12. TYPE VI (WIDE ANGLE PRISMATIC) FLUORESCENT YELLOW GREEN REFLECTIVE SHEETING SHALL BE USED FOR SCHOOL ZONE SIGNS (S1-1, S2-1, S3-1, S4-3, AND THE TOP PORTION OF THE S5-1) BICYCLE CROSSING SIGNS (W11-1), AND PEDESTRIAN CROSSING SIGNS (W11-2 AND W11-2). SIGNS WITHIN THE SAME ASSEMBLY AS THE SCHOOL ZONE SIGNS SPECIFICALLY LISTED ABOVE AND ALL REGULATORY SIGNS PLACED AS PART OF THE SCHOOL ZONE SIGING SHALL HAVE TYPE VI (WIDE ANGLE PRISMATIC) REFLECTIVE SHEETING BACKGROUNDS OF THE APPROPRIATE COLOR.
13. TYPE VI (WIDE ANGLE PRISMATIC) FLOURESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.
14. A 1/2-INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.
15. WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL 3/8 INCH DIAMETER HOLES(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.
16. INTERSTATE SHIELDS SHALL CONTAIN THE WORD GEORGIA. ALL INTERSTATE, U.S., AND GEORGIA SHIELDS REQUIRING ALT, BUS, CONN, LOOP, OR SPUR SHALL USE 4-INCH SERIES "D" LETTERS. REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, FOR DETAILS.
17. FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OF MISCELLANEOUS SIGNS.
18. REFER TO PLAN SHEETS FOR LOCATION OF THE DISTRICT ENGINEERS' OFFICE TO BE SHOWN ON ALL R552-1 (LIMITED ACCESS) SIGNS IN THIS PROJECT, IF ANY.
19. CONTRACTOR WILL, AS REQUESTED BY THE DISTRICT TRAFFIC OPERATIONS ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.



SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	I	J	K	R	
MIN & STD	30	36	1 _{1/2}	3 _{1/2}	2 _{1/2}	3C	1 _{1/2}	11	8 _{1/2}	10	11	1 _{1/2}	
FWD	48	60	3 _{1/2}	1 _{1/2}	4	5C	3	18	15 _{1/2}	16	18	3	

COLORS

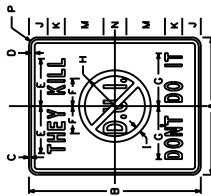
STATE SHIELD & BORDER - RED (REFL)
 LEGEND & BELT - BLACK (NON-REFL)
 BACKGROUND - WHITE (REFL)



R560-5
COLORS
LEGEND & BORDER-B
WORD "STOP"
BACKGROUN

COLORS

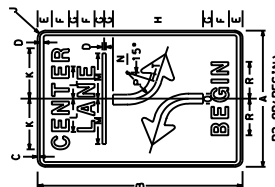
LEGEND & BORDER-BLACK (NON-REFL)
WORD "STOP"-RED (REFL)
BACKGROUND -WHITE (REFL)



R560-2

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	
MIN	30	36	1/2	3/4	11	5	12 1/2	7 1/2	1 1/4	4	4C	3	4 1/2	5C	1 1/2	
STD	48	60	3/4	1 1/4	16 1/2	9 1/2	18 1/2	12 1/2	2	6 1/2	6C	5	8 1/2	8C	3	

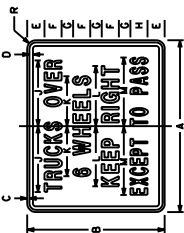
COLORS
CIRCLE & DIAGONAL - RED (REFL)
LEGEND & BORDER -BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)

[illegible]

COLORS

LEGEND & BORDER - BLACK (NON-REFL)

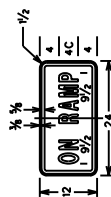
BACKGROUND -WHITE (REFL)



RS60-3

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	R	
MIN & STD	36	30	1/2	3/4	3/4	3/4	3/4	3/4	14	10	11 1/2	4 1/2	1 1/2	
FWT	60	48	3 1/2	1 1/2	6	6C	4	68	23	3 1/2	21	24	3	

COLORS
LEGEND & BORDER - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)



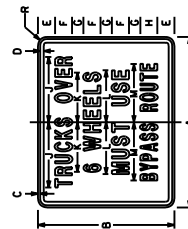
8

NO-30P

COLORS

LEGEND & BORDER - RED (REFL.)
BACKGROUND - WHITE (REFL.)

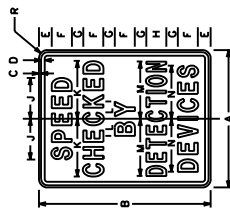
LEGEND & BORDER - RED (REFL)
BACKGROUND - WHITE (REFL)



SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	R	
MIN & STD	36	30	1/2	3/4	3 1/2	3/8	3	3/8	14	10	10 1/4	1 1/2		

COLORS

LEGEND & BORDER - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)



1550-1

SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	R
MIN & STD	30	36	1/2	3/4	4	40	2	4C	8 1/2	11 1/2	3	11 1/2	10 1/2	1 1/2
FRT	48	60	3/4	1 1/2	4 1/2	70	4	7C	14 1/2	18 1/2	6	20	18 1/2	3

COLORS

LEGEND & BORDER - BLACK (NON-REFL)
BACKGROUND - WHITE (REFL)

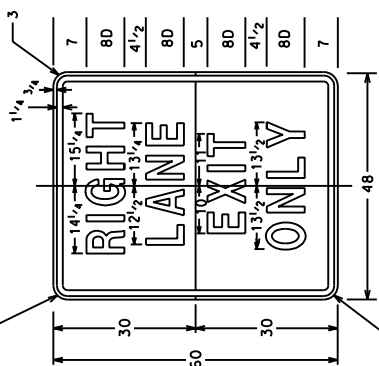
THE 1550-1 SIGN SHALL BE ERECTED:

1. ON EVERY HIGHWAY THAT COMPRISES A PART OF THE STATE HIGHWAY SYSTEM AT THAT POINT ON THE HIGHWAY WHICH INTERSECTS THE STATE LINE.
2. AT THE TERMINI OF EVERY HIGHWAY THAT COMPRISES A PART OF THE STATE HIGHWAY SYSTEM WHICH BEGINS OR ENDS WITHIN THE STATE BOUNDARIES.
3. ON EVERY HIGHWAY THAT COMPRISES A PART OF THE STATE HIGHWAY SYSTEM AT THAT POINT ON THE HIGHWAY WHERE TRAFFIC FROM OUTSIDE THE COUNTY FIRST ENTERS A COUNTY THAT HAS A PERMIT TO OPERATE SPEED DETECTION DEVICES, AND
4. ON EVERY HIGHWAY THAT COMPRISES A PART OF THE STATE HIGHWAY SYSTEM AT THAT POINT ON THE HIGHWAY WHERE TRAFFIC FIRST ENTERS THE CORPORATE LIMITS OF ANY MUNICIPALITY THAT HAS A PERMIT TO OPERATE SPEED DETECTION DEVICES.

DATE	REVISIONS
5-24-00	4000 99-9 DETAIL
1-27-03	COLLECT 99-1 SIGN
1-27-03	REV SIGN COORDS FOR 99-9 SIGN

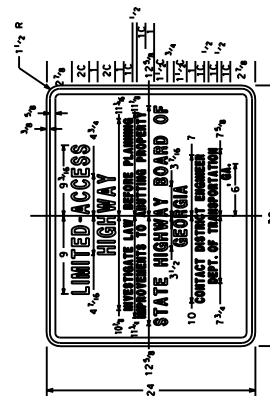
FIGURE 4-1

BLACK LEGEND AND BORDER ON
WHITE REFLECTORIZED BACKGROUND



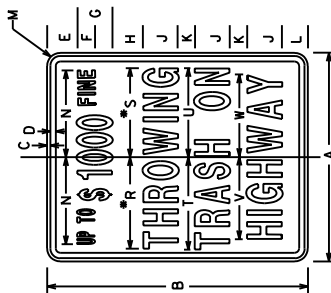
R553-7

BLACK LEGEND AND BORDER ON
YELLOW REFLECTORIZED BACKGROUND



R552-1

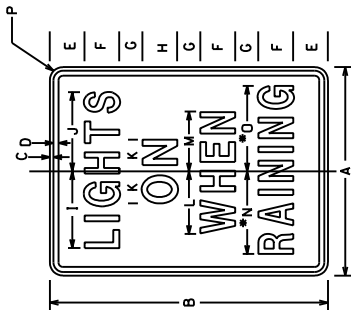
1 1/4" MARGIN
3/4" BORDER
1 1/2" RADIUS



R553-1

* REDUCE SPACING 20%

SIGN	DIMENSIONS (INCHES)																						
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
STD & MIN	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156
EXPW	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300
PWT	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312



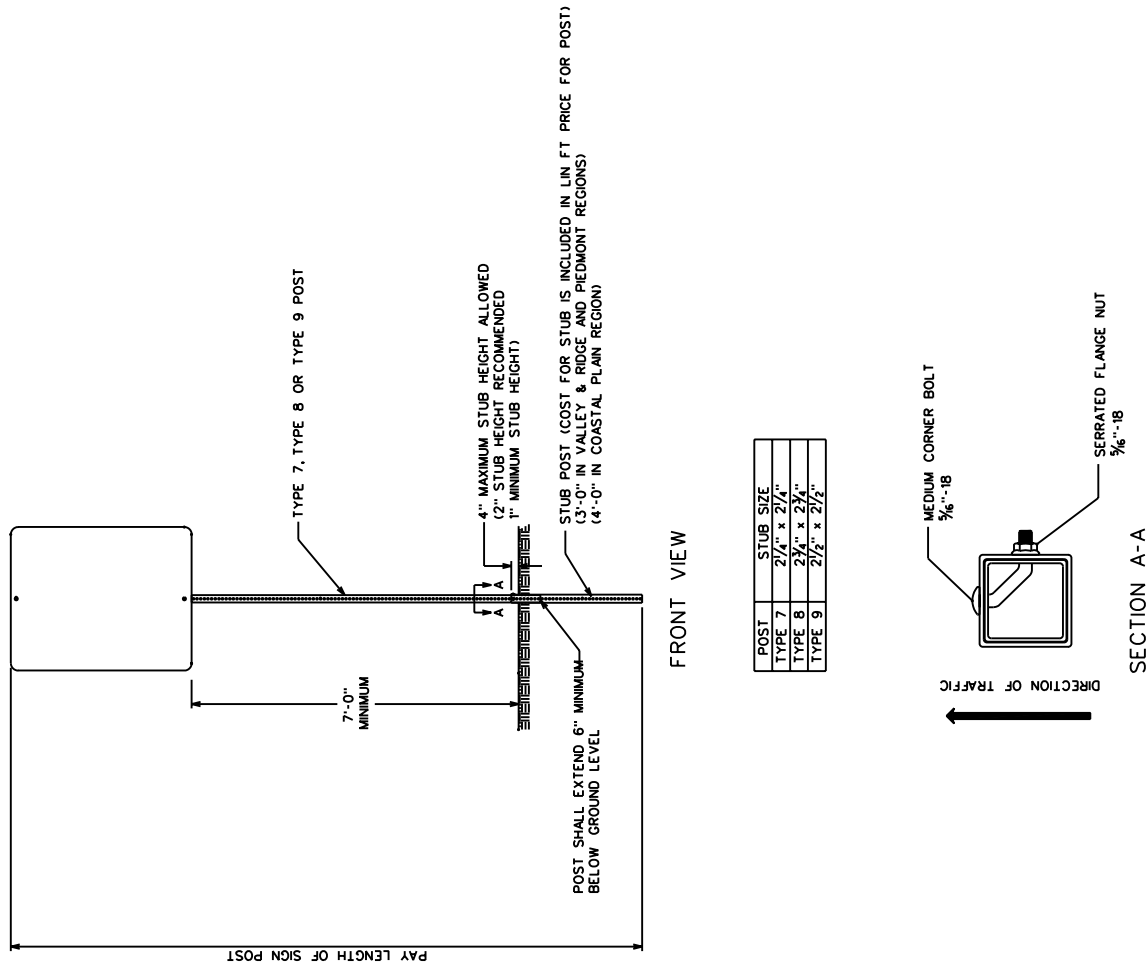
R554-1

* REDUCE SPACING 30%

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
STD & MIN	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114
EXPW	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216
FWY	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228

FIGURE 4-2

STATE	PROJECT NUMBER	SHEET TOTAL
GA.	122467	NO. SHEETS
		12 21



SIGN POST SELECTION CHART

SIGN CENTROID	SLIP BASE NOT REQUIRED				GROUND MOUNTED BREAKAWAY SIGN SUPPORT REQUIRED			
	TYPE 7 2 1/4" GA.		TYPE 8 2 1/2" GA.		TYPE 8 2 1/2" GA.		TYPE 8M / TYPE 9 KERR 2 1/2" GA. / 2 1/4" GA.	
	1 POST	2 POST	1 POST	2 POST	1 POST	2 POST	1 POST	2 POST
6'	13.50	27.00	19.25	38.50	60.00	49.25	98.50	147.75
7'	11.00	22.00	16.50	33.00	51.50	42.25	84.50	126.75
8'	10.15	20.30	14.65	29.30	46.10	37.65	74.00	111.00
9'	9.00	18.00	12.85	25.70	40.00	32.85	65.70	98.55
10'	8.10	16.20	11.50	23.00	36.00	29.50	59.10	88.65
11'	7.40	14.80	10.50	21.00	32.50	26.50	53.00	80.20
12'	6.80	13.60	9.65	19.30	30.00	24.65	49.30	73.95
13'	6.25	12.50	8.90	17.80	27.70	22.75	45.50	68.25
14'	5.80	11.60	8.25	16.50	25.60	21.15	42.30	63.45
15'	5.40	10.80	7.65	15.30	23.70	19.65	39.10	59.65
16'	4.70	9.40	6.95	13.90	21.50	17.50	35.00	52.50
17'	4.40	8.80	5.70	11.40	18.50	14.60	29.20	43.80
18'	4.15	8.30	5.40	10.80	16.80	13.80	27.60	41.40
19'	3.95	7.90	5.10	10.20	15.50	13.05	26.10	39.15
20'	3.75	7.50	4.85	9.70	15.10	12.40	24.80	37.20

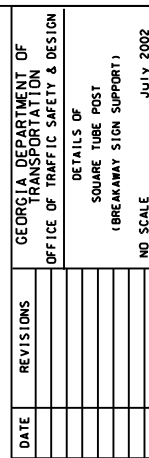
SIGN CENTROID IS DISTANCE FROM GROUND LEVEL TO BOTTOM OF SIGN PLUS HALF THE HEIGHT OF SIGN.
EXAMPLE: 7'2" X 4'8" SIGN THAT IS 7' FEET FROM GROUND TO BOTTOM OF SIGN. ADD HALF OF 4'8" OR 2'11" PLUS 7' = 9' CENTROID.
SIGN PLATE SHALL NOT EXCEED 48" IN WIDTH ON A SINGLE POST.

TYPE 9 INSERT SHALL BE A CONTINUOUS POST INSERTED INTO THE TYPE 8 POST WHERE REQUIRED. THE INSERT POST SHALL EXTEND FROM THE BOTTOM OF THE SLIP BASE UPPER ASSEMBLY TO 4" BELOW THE BOTTOM OF THE SIGN. THE INSERT POST SHALL NOT EXTEND ABOVE THE BOTTOM OF THE SIGN. PAYMENT FOR THE INSERT POST SHALL BE PER LINEAR METER OF TYPE 9 POST.

GROUND MOUNTED BREAKAWAY SIGN SUPPORT. SHALL BE MEASURED PER EACH, COMPLETE IN PLACE, AND SHALL BE PAID FOR AT THE UNIT PRICE. MEASUREMENT FOR PAYMENT SHALL INCLUDE THE UPPER AND LOWER ASSEMBLY, STUB POST, CLASS "A" CONCRETE, AND ALL HARDWARE NECESSARY TO COMPLETE THE INSTALLATION.

DATE	REVISIONS	GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE OF TRAFFIC SAFETY & DESIGN
		TYPE 7, 8, AND 9
		SQUARE TUBE POST
		INSTALLATION DETAIL
		NO SCALE
		July 2002

FIGURE 4-4



STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

• INSERT POST

FIGURE 4-7

HIGHWAY SIGNS (EACH)		ALL EXISTING SIGNS (INCLUDING PANEL SIGNS) TO BE REMOVED SHALL BE SALVAGED. THE CONTRACTOR SHALL BUNDLE ALL REMOVED SIGNS ON A PALLET. SIGNS OF THE SAME SIZE AND TYPE SHALL BE BUNDLED TOGETHER. THE CONTRACTOR SHALL HAUL THESE SIGNS TO A LOCATION TO BE DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL CONTACT THE SIGN SHOP AT (XXX) XXX- XXXX AT LEAST FIVE WORKING DAYS PRIOR TO REMOVAL OF THE SIGNS TO ENSURE THAT DEPARTMENT PERSONNEL WILL BE AVAILABLE FOR THE CONTRACTOR TO UNLOAD THE SIGNS.
REMOVE	RESET	
470		
NOTE: For sign locations see plans sheets.		

FIGURE 4-8
EXAMPLE SUMMARY OF QUANTITIES – STANDARD SIGNS REMOVAL

Section 5

SPECIAL ROADSIDE SIGNS

5.1 General

Special roadside signs are ground mounted signs that require extruded aluminum panels. Typical special roadside signs include destination signs, political boundary signs, hospital signs, exit gore signs, and supplemental guide signs. Advance exit signs and exit signs are also classified as special roadside signs if the facility is two lanes or less.

The height and width and cross section of the sign are used to calculate the foundation and structural shape posts needed. The information can be calculated by using the current Georgia DOT Standards referenced as:

#9054A	Erection and Foundation Details for Special Roadside Signs Breakaway Type Posts
#9054B	Erection and Foundation Details for Special Roadside Signs Breakaway Type Posts
#9054C	Erection and Foundation Details for Special Roadside Signs Breakaway Type Posts

Only structural steel shape or square tube posts shall be used. The post length is a function of the height of the sign and the cross section slope. Standard 9054A indicates the bottom of the sign should be at least 7 feet above of the roadway elevation. In addition, no portion of the sign shall be less than 3 feet above the ground.

Special roadside signs have a foundation that requires concrete. The amount of concrete is dependent upon the foundation type, post size(s) and depth of the foundation. Table 5-1 provides calculations for the amount of concrete. “D” is the depth of the footing.

TABLE 5-1 CLASS “A” CONCRETE FOR SPECIAL ROADSIDE SIGNS**TYPE 1 FOOTING**

D (ft)	CONCRETE (ft³)	D(ft)	CONCRETE(ft³)	D(ft)	CONCRETE(ft³)
3'-0"	5.3013	8'-3"	14.5785	13'-3"	23.4140
3'-3"	5.7430	8'-6"	15.0203	13'-6"	23.8558
3'-6"	6.1848	8'-9"	15.4621	13'-9"	24.2976
3'-9"	6.6266	9'-0"	15.9039	14'-0"	24.7394
4'-0"	7.0684	9'-3"	16.3456	14'-3"	25.1811
4'-3"	7.5101	9'-6"	16.7874	14'-6"	25.6229
4'-6"	7.9519	9'-9"	17.2292	14'-9"	26.0647
4'-9"	8.3937	10'-0"	17.6710	15'-0"	26.5065
5'-0"	8.8355	10'-3"	18.1127	15'-3"	26.9482
5'-3"	9.2772	10'-6"	18.5545	15'-6"	27.3901
5'-6"	9.7190	10'-9"	18.9963	15'-9"	29.8318
5'-9"	10.1608	11'-0"	19.4381	16'-0"	28.2736
6'-0"	10.6026	11'-3"	19.8798	16'-3"	28.7153
6'-3"	11.0443	11'-6"	20.3216	16'-6"	29.1571
6'-6"	11.4861	11'-9"	20.7634	16'-9"	29.5989
6'-9"	11.9279	12'-0"	21.2052	17'-0"	30.0407
7'-0"	12.3697	12'-3"	21.6469	17'-3"	30.4824
7'-3"	12.8114	12'-6"	22.0887	17'-6"	30.9242
7'-6"	13.2532	12'-9"	22.5305	17'-9"	31.3660
7'-9"	13.6950	13'-0"	22.9723	18'-0"	31.8078
8'-0"	14.1368				

Deduct concrete for post sizes below from “D” values above for type 1 footings

POST SIZE	CONCRETE (ft³)	POST SIZE	CONCRETE (ft³)
S3x5.7	0.0138	W8x18	0.0780
S4x7.7	0.0185	W8x21	0.1139
W6x9	0.0304	W10x22	0.1200
W6x12	0.0428	W10x26	0.1424
W6x15	0.0721	W12x26	0.1545

TYPE 3 FOOTING

POST SIZE	CONCRETE (ft³)	POST SIZE	CONCRETE (ft³)
S3x5.7	20.7347	W8x18	28.0343
S4x7.7	20.7302	W8x21	31.8265
W6x9	24.5478	W10x22	31.8204
W6x12	24.5352	W10x26	31.7075
W6x15	28.0402	W12x26	31.7859

5.2 Placement

The locations of special roadside signs to be installed are identified on the plans with the station number, special sign number, and sign template with overall sign dimensions. The special sign number is a unique number assigned to all special roadside signs that are removed or installed. This number is in station order and requires that all signs with the same size and legend have the same number. The sign number is unique to each type of sign. Special roadside signs are defined with a two digit number.

The location of special roadside signs to be removed are shown on the plans with the station number, sign template with no dimensions, special sign number, and the following note: “REMOVE HIGHWAY SIGN SPECIAL ROADSIDE, *X* EACH,” where *X* is the number of signs to be removed. Special roadside signs that shall be left are noted with “RETAIN IN PLACE.”

The following are common pay items are associated with special roadside signs:

ITEM NO.	DESCRIPTION	UNIT
500-3101	CLASS A CONCRETE	CY
610-6520	REM HIGHWAY SIGN, SPCL ROADSIDE	Each
633-3500	REMOUNT UNMODIFIED HIGHWAY SIGN, SPCL ROADSIDE	Each
636-1072	HIGHWAY SIGNS, ALUM EXTRUDED PANELS, REFL SHEETING, TP 3	SF
636-3000	GALV STEEL STR SHAPE POST	LB
636-9094	PILING IN PLACE, SIGNS, STEEL H, HP 12 X 53	LF

Each different special roadside sign to be installed requires a layout showing the details of that sign with all of the dimensions. These are provided on “Details of Special Roadside Signs” sheets. An example of the Details of Special Roadside Signs is shown in Figure 5-1. The following General Notes (subject to change) are required on one of the “Details of Special Roadside Signs.”

GENERAL NOTES

1. SPECIAL ROADSIDE SIGNS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND ALL SUPPLEMENTS THERETO, AS WELL AS TO THE GEORGIA STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS.
2. SPECIAL ROADSIDE SIGNS SHALL BE FABRICATED USING ALUMINUM BOLTED EXTRUDED PANELS.
3. BACKGROUND FOR SPECIAL ROADSIDE SIGNS SHALL BE STANDARD INTERSTATE GREEN, TYPE III (ENCAPSULATED LENS), REFLECTIVE SHEETING, UNLESS SPECIFIED OTHERWISE IN THE PLANS.
4. LEGENDS FOR SPECIAL ROADSIDE SIGNS SHALL BE WHITE, TYPE VI (PRISMATIC LENS), REFLECTIVE SHEETING LETTERS, NUMERALS, SYMBOLS, AND BORDERS ON 0.032 INCH ALUMINUM CUTOUTS.
5. SHIELDS SHALL BE 0.08 INCH ALUMINUM OF THE SIZE AND SHAPE SPECIFIED IN THE PLANS. U.S. AND GEORGIA SHIELD LEGENDS SHALL BE BLACK NUMERALS AND LETTERS SILK SCREENED ON WHITE EMBLEM, TYPE VI (PRISMATIC LENS), REFLECTIVE GREEN SHEETING BACKGROUNDS WITH NO BORDERS. INTERSTATE SHIELDS SHALL BE PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
6. FOR DETAILS OF U.S. AND INTERSTATE SHIELDS AND ARROWS, REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
7. LEGENDS FOR SPECIAL ROADSIDE SIGNS SHALL BE FASTENED TO SIGN PANELS WITH ALUMINUM PULL-THROUGH BLIND RIVETS OR WITH AN APPROVED NON-CORROSIVE FASTENER.
8. SPACING BETWEEN LETTERS OR OTHER CHARACTERS THAT IS NOT SHOWN IN THE PLANS MAY BE RECOMMENDED BY THE MANUFACTURER, BUT SHALL CONFORM TO INTERSTATE SIGNING REQUIREMENTS.
9. FOR ASSEMBLY DETAILS AND ASSEMBLY COMPONENTS DETAILS ON ALUMINUM BOLTED EXTRUDED PANELS, REFER TO GEORGIA STANDARDS 9041 AND 9042.

An example of the Summary of Quantities for Special Roadside Signs to be Installed is shown in Figure 5-2. An example of the Summary of Quantities for Special Roadside Signs to be Removed is shown in Figure 5-3. An example of the Summary of Quantities for Special Roadside Signs to be remounted is shown in Figure 5-4. The following notes (subject to change) shall be placed with the Summary of Quantities for Special Roadside Signs.

GENERAL NOTES

1. FOR DETAILS OF SPECIAL ROADSIDE SIGNS, SEE DETAILS OF SPECIAL ROADSIDE SIGNS.
2. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC SAFETY AND DESIGN.
3. HORIZONTAL CLEARANCE FOR SPECIAL ROADSIDE SIGNS SHALL BE 32 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEAR EDGE OF THE SIGN UNLESS SPECIFIED OTHERWISE IN THE PLANS.
4. SPECIAL ROADSIDE SIGNS ERECTED ON STEEP CUT SLOPES SHALL HAVE A MINIMUM CLEARANCE OF 1 FOOT ABOVE THE GROUNDLINE AND MAXIMUM HEIGHT OF 10 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN.
5. EXIT GORE SIGNS SHALL BE ERECTED WITHIN A RANGE OF 25 FEET MINIMUM TO 100 FEET MAXIMUM FROM THE PHYSICAL NOSE OF THE RAMP. A MINIMUM CLEARANCE OF 2 FEET FROM THE EDGES OF THE RAMP AND MAINLINE PAVED SHOULDERS TO THE RIGHT AND LEFT EDGES OF THE SIGN, RESPECTIVELY SHALL BE MAINTAINED.
6. POST LENGTHS, POST SIZES, AND FOOTING SIZES FOR SPECIAL ROADSIDE SIGNS ARE ESTIMATED ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE CORRECT LENGTHS AND SIZES ACCORDING TO GEORGIA STANDARDS PRIOR TO ORDERING MATERIALS. FOR ERECTION AND FOUNDATION DETAILS FOR SPECIAL ROADSIDE SIGNS WITH BREAKAWAY POSTS, REFER TO GEORGIA STANDARDS 9054A, 9054B, AND 9054C.

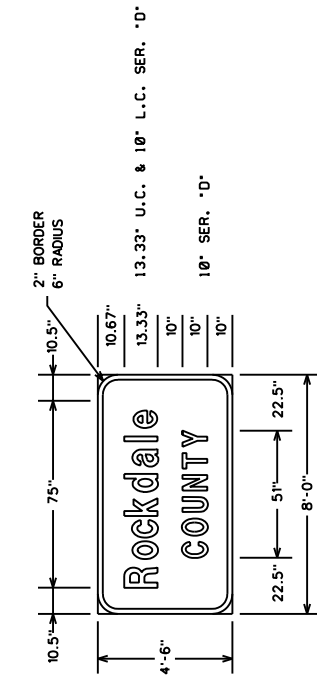
7. GALVANIZED STEEL I-BEAMS SHALL HAVE ALL IDENTIFICATION NUMBERS RE-ESTABLISHED AFTER COMPLETION OF GALVANIZING.
8. FOR BREAKAWAY POSTS THE CONTRACT BID PRICE FOR CLASS "A" CONCRETE SHALL INCLUDE THE COST OF FURNISHING AND PLACING REINFORCEMENT STEEL AND STUB POSTS AS SHOWN IN THE FOOTING DETAILS ON GEORGIA STANDARD 9054A.
9. THE NEAR EDGE OF SIGNS ERECTED BEHIND GUARDRAIL SHALL BE 6 FEET BEHIND THE FACE OF THE GUARDRAIL.
10. THE CONTRACTOR SHALL ENSURE THAT ALL SPECIAL ROADSIDE SIGNS INSTALLED BY THIS PROJECT HAVE A MINIMUM SIGHT DISTANCE OF 1000 FEET. CLEARING OF OBSTACLES TO OBTAIN THE MINIMUM SIGHT DISTANCE SHALL BE IN ACCORDANCE WITH SECTION 201 OF THE GEORGIA STANDARD SPECIFICATIONS. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE OVERALL PRICE BID FOR THE PROJECT.
11. BREAKAWAY POSTS MARKED WITH AN (*) ARE SPECIAL DESIGN. THE CONTRACTOR SHALL NOT CHANGE THESE POSTS IN ANY WAY WITHOUT APPROVAL FROM THE OFFICE OF TRAFFIC SAFETY AND DESIGN.

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GA	1123564	36	45

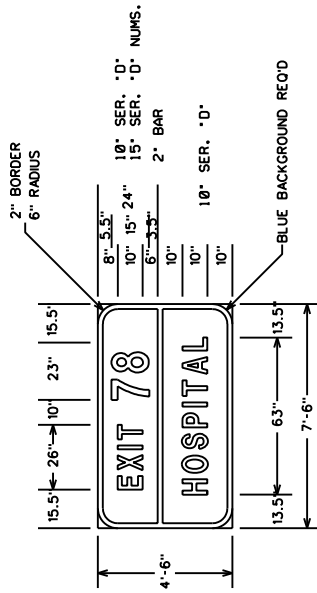
DETAILS OF SPECIAL ROADSIDE SIGNS

SHEET 2 OF 4

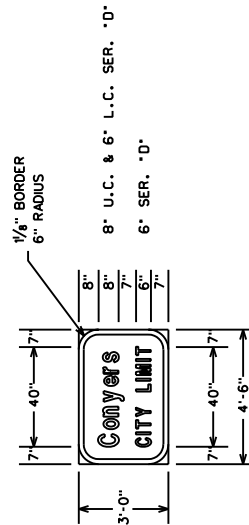
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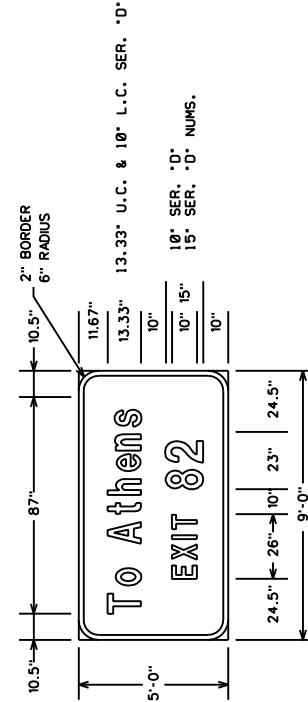
SPECIAL *18
STA. 1561+00
STA. 2012+00
2 EACH REQ'D.



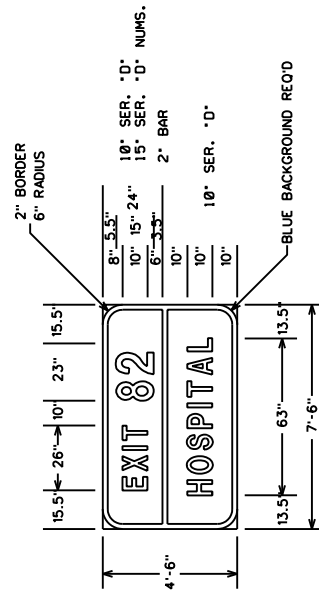
SPECIAL *23
STA. 1582+00
1 EACH REQ'D.



SPECIAL *29
STA. 1717+10
STA. 1812+00
2 EACH REQ'D.



SPECIAL *31
STA. 1774+00
1 EACH REQ'D.



SPECIAL *37
STA. 1844+40
1 EACH REQ'D.

FIGURE 5-1

GRAY-CALHOUN & ASSOCIATES, INC. 1800 PEACHTREE STREET-NW SUITE 200 GEORGIA 30309 ATLANTA, GA 30309 PH. 404-355-0604	GRAY-CALHOUN & ASSOCIATES GC	GEORGIA DEPARTMENT OF TRANSPORTATION SIGN DETAIL PROJECT NO. 1123564 FULTON COUNTY DATE 12-11-03 DWG NO. 11-02	
		DATE	REVISIONS

FIGURE 5-2
EXAMPLE SUMMARY OF QUANTITIES – SPECIAL ROADSIDE SIGNS INSTALLED

REM. HIGHWAY SIGN-SPEC. ROADSIDE (EACH)		
STATION	SIGN NO.	QUANTITY
4126 + 40	1	1
4133 + 20	2	1
4139 + 50	4	1
4142 + 50	5	1
4153 + 50	6	1
4175 + 20	7	1
4175 + 20	8	
4234 + 50	9	1
4269 + 60	10	1
4309 + 60	11	1
4362 + 10	12	1
4406 + 00	14	1
4418 + 60	16	1
4419 + 60	17	1
4445 + 50	20	1
4471 + 50	21	1
4495 + 80	22	1
4526 + 30	23	1
4527 + 10	17	1
4530 + 30	22	1
4538 + 00	25	1
4545 + 00	26	1
4545 + 00	27	
4545 + 50	28	1
4561 + 70	25	1
4563 + 50	30	1
4594 + 60	30	1
4639 + 60	31	1
4639 + 60	27	
4690 + 20	33	1
4703 + 60	33	1
4779 + 80	34	1
4826 + 20	35	1
4872 + 20	35	1
4883 + 70	36	1
TOTAL		32

ALL EXISTING SIGNS (INCLUDING PANEL SIGNS) TO BE REMOVED SHALL BE SALVAGED. THE CONTRACTOR SHALL BUNDLE ALL REMOVED SIGNS ON A PALLET. SIGNS OF THE SAME SIZE AND TYPE SHALL BE BUNDLED TOGETHER. THE CONTRACTOR SHALL HAUL THESE SIGNS TO A LOCATION TO BE DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL UNLOAD THE SIGNS. THE CONTRACTOR SHALL CONTACT THE SIGN SHOP AT (XXX) XXX-XXXX AT LEAST FIVE WORKING DAYS PRIOR TO REMOVAL OF THE SIGNS TO ENSURE THAT DEPARTMENT PERSONNEL WILL BE AVAILABLE TO UNLOAD THE SIGNS.

FIGURE 5-3
EXAMPLE SUMMARY OF QUANTITIES – SPECIAL ROADSIDE SIGNS REMOVAL

REMOUNT UNMODIFIED HWY. SIGN SPECIAL ROADSIDE (EACH)		
STATION	SIGN NO.	QUANTITY
4909 + 00	37	1
4967 + 40	37	1
5046 + 00	49	1
5998 + 00	76	1
6072 + 00	76	1
7466 + 80	141	1
7542 + 00	141	1
7549 + 00	147	1
TOTAL		8

FIGURE 5-4
EXAMPLE SUMMARY OF QUANTITIES – SPECIAL ROADSIDE SIGNS REMOUNT

Section 6

Overhead Highway Signs

6.1 General

Overhead highway signs are signs that are mounted over the roadway on overhead highway sign structures. In general, all advance exit signs and exit signs on facilities that have three lanes or more in one direction shall be installed overhead. In addition, the “No Trucks Over Six Wheels In Left X Lane(s)” sign (R554-X) is mounted on bridges or other structures as an overhead sign.

Caution is to be used in attaching signs to bridges in accordance with February 8, 1980 memo from J.T. Kratzer PE, State Bridge Engineer to Archie C. Burnham PE, State Traffic and Safety Engineer. A copy of this memo was shown previously as Figure 2-3.

6.2 Placement

Advance exit signs may be mounted on Type I, Type III, or Type VII Sign Structures. Type I or Type VII Structures are required if the advance exit sign is for a lane which is an exit only. Type I Structures are required for all signs that contain arrows. All structures require barrier or guardrail protection.

Each overhead sign requires a clearance diagram which indicates the relative position of each sign and the position of the structure with relationship to the roadway cross section. The clearance diagram also indicates the layout of each overhead sign including all dimensions. Type I structures require that the entire width of the roadway be shown with future signs. See Section 7 for more information on clearance diagram.

All overhead signs on a single structure should be the same height. The one exception to this is if a regulatory sign, such as an R554-X, is mounted on the same structure, then it does not have to be the same height as the other signs. Minimum spacing between signs is 1 foot.

The locations of overhead signs to be installed are identified on the plans with the station number, special overhead sign number, sign template with overall sign dimensions, and a note indicating the structural support number and structure type. The special overhead sign number is a unique number assigned in station order to each special overhead sign that is removed or installed. If the sign is removed with the sign structure, then no special overhead sign number is assigned. The sequence of sign numbers for overhead signs should begin with a sequence that is not used by the special roadside signs. For example, if there are less than 100 numbered special roadside signs, the overhead sign numbers should begin with 101.

The structural support number combines an alphabetic code for the direction and facility with the milepost location in tenths of a mile. For example, I-95 southbound uses the alphabetic code of HH, so an overhead structure located at milepost 67.5 on I-95 southbound becomes structure number HH0675. The note for the location of new overhead signs and structure should be “STRUCTURAL SUPPORT #XYYY TYPE Z STRUCTURE REQUIRED,” where X = alphabetic code for facility and direction, YYY = mile post location in tenths of a mile, and Z = type of overhead sign structure.

The location of overhead signs to be removed as part of a sign structure are shown on the plans with the station number, sign template with no dimensions, and the following note:

REMOVE STRUCTURAL SUPPORT #XXXXY, TYPE Z – LUMP

REMOVAL SHALL INCLUDE THE FOLLOWING:

1. REMOVING STRUCTURE, COMPLETE, FROM STA. AAAA+AA, I-BB CBL (INCLUDING REMOVAL OF CONCRETE FOOTING TO A DEPTH OF ONE (1) FOOT BELOW EXISTING GROUNDLINE),
2. DISPOSING OF SIGN AND STRUCTURE BY THE CONTRACTOR, UNLESS SPECIFIED OTHERWISE IN THE PLANS.

Where:

X - is the alphabetic code for the interstate facility and direction

Y – is the milepost for the location in tenths of a mile

Z – is the overhead sign structure type

A – is the station number

B – is the number of the interstate facility

C – is the cardinal direction of the facility

The following are common pay items associated with overhead signs and structures:

ITEM NO.	DESCRIPTION	UNIT
610-6510	REM HWY SIGN, OVHD	EA
610-9401	REM STR SUPPORT, TYPE 1, INCL ILLUM SIGN SYSTEM, STA - AAAA + BB	LUMP
610-9402	REM STR SUPPORT, TYPE 2, INCL ILLUM SIGN SYSTEM, STA - AAAA + BB	LUMP
610-9403	REM STR SUPPORT, TYPE 3, INCL ILLUM SIGN SYSTEM, STA - AAAA + BB	LUMP
610-9407	REM STR SUPPORT, TYPE 7, INCL ILLUM SIGN SYSTEM, STA - AAAA + BB	LUMP
633-3000	REMOUNT UNMODIFIED HIGHWAY SIGN, OVERHEAD	EA
636-1072	HIGHWAY SIGNS, ALUM EXTRUDED PANELS, REFL SHEETING, TP 3	SF
636-1072	HIGHWAY SIGNS, ALUM EXTRUDED PANELS, REFL SHEETING, TP 3 INCLUDING BRACKETS	SF
638-1001	STR SUPPORT FOR OVERHEAD SIGN, TP I, STA - AAAA + BB	LUMP
638-1003	STR SUPPORT FOR OVERHEAD SIGN, TP III, STA - AAAA + BB	LUMP
638-1007	STR SUPPORT FOR OVERHEAD SIGN, TP VII, STA - AAAA + BB	LUMP
641-1200	GUARDRAIL, TP W	LF
641-5001	GUARDRAIL ANCHORAGE, TP 1	Each
641-5012	GUARDRAIL ANCHORAGE, TP 12	Each

An example of the Summary of Quantities for Overhead Signs to be Installed is shown in Figure 6-1. An example of the Summary of Quantities for Overhead Signs to be Removed is shown in Figure 6-2. An example of the Summary of Quantities for Overhead Structures to be Removed is shown in Figure 6-3.

The following General Notes shall be included with the Summary of Quantities for Overhead Signs.

GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO AVOID ANY INTERFERENCE WITH UNDERGROUND UTILITIES. ANY DAMAGE TO UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
2. WALKWAYS ARE REQUIRED ON STRUCTURAL SUPPORT TYPES I, II, III, IV AND VII. MAINTENANCE WALKWAYS ARE NOT REQUIRED ON STRUCTURAL SUPPORT TYPES V AND VI.
3. FOR LOCATION OF GUARDRAIL, SEE GEORGIA STANDARDS 4022A AND 4051 AND/OR CONSTRUCTION DETAILS.

SUMMARY OF QUANTITIES - OVERHEAD HIGHWAY SIGNS																	
STATION	INSTALL NO	GUARD RAIL GA. STDS. 4010 & 4011 LINEAR FEET	GUARD RAIL ANCHORAGES GA. STDS. 4012B & 4050 TYPE (EACH)			ILLUMINATED SIGN SYSTEM REQUIRED	STRUCTURAL SUPPORT (LUMP)			HIGHWAY SIGNS, ALUMINUM PANELS (SQUARE FEET)				HIGHWAY SIGNS, ALUMINUM PANELS - INCL BRACKETS (SQUARE FEET)			
			1	12			SUPPORT NO.	TYPE	SPAN	SIGN NO	SIGN SIZE	SUB-TOTAL	TOTAL	SIGN NO.	SIGN SIZE	SUB TOTAL	TOTAL
4124 + 90	1	178'-6"	2	2		NO	D2695	I	85'-0 in	1001	15'-0" X 9'-6"	142.50					
4136 + 00	2					NO	C2697	III	15'-6 in	1002	15'-6" X 8'-6"	131.75					
4147 + 00	3	89'-3"	1	1		NO	D2699	III	17'-0 in	1003	17'-0" X 8'-6"	144.50					
4154 + 00	4					NO	C2701	III	15'-6 in	1004	15'-6" X 8'-6"	131.75					
4178 + 20	5	178'-6"	2	2		NO	C2705	I	92'-0 in	1005	15'-6" X 9'-6"	147.25					
4197 + 00	6					NO	C2709							R554-5	7'-0" X 6'-0"	42.00	
						NO	C2709	VII	15'-0 in	1006	15'-0" X 11'-6"	172.50					
4197 + 90	7					NO	D2709							R554-5	7'-0" X 6'-0"	42.00	
								VII	17'-0 in	1007	17'-0" X 8'-6"	144.50					
4215 + 10	8	178'-6"	2	2		NO	D2713	I	90'-0 in	1008	22'-0" X 13'-6"	297.00					
										1009	19'-0" X 13'-6"	256.50					
4239 + 00	9					NO	D2717	III	17'-6 in	1010	15'-0" X 15'-6"	232.50					
4249 + 70	10	89'-3"	1	1		NO	C2719	III	15'-0 in	1011	15'-0" X 11'-6"	172.50					
4271 + 50	11	178'-6"	2	2		NO	C2723	I	92'-0 in	1012	18'-6" X 9'-6"	175.75					
4289 + 40	12					NO								R554-5	7'-0" X 6'-0"	42.00	
4290 + 20	13					NO	D2727	VII	17'-6 in	1013	15'-6" X 15'-6"	240.25					
														R554-5	7'-0" X 6'-0"	42.00	
4309 + 20	14	50'-0"		1		NO	D2730	I	87'-0 in	1014	18'-0" X 12'-6"	225.00					
4330 + 90	15					NO	D2734	III	18'-6 in	1015	18'-6" X 11'-6"	212.75					
TOTALS		942'-6"										2827.00				168.00	

FIGURE 6-1
EXAMPLE SUMMARY OF QUANTITIES – OVERHEAD SIGNS INSTALLED

REM. HIGHWAY SIGN-OVHD. (EACH)		
STATION	SIGN NO.	QUANTITY
1930 + 70	R554-5	1
2292 + 20	R554-5	1
2292 + 70	R554-5	1
TOTAL		3

FIGURE 6-2
EXAMPLE SUMMARY OF QUANTITIES – OVERHEAD SIGNS REMOVED

REM. STR. SUPPORT INCL. ILLUM. SIGN SYSTEM (LUMP)		
STATION	SUPPORT NO.	STR. TYPE
4219 + 00	C2714	I
4238 + 40	D2717	II

FIGURE 6-3
**EXAMPLE SUMMARY OF QUANTITIES – OVHD SIGN STRUCTURES
REMOVED**

Section 7 CLEARANCE DIAGRAMS

7.1 General

Clearance diagrams are required for all overhead signs except for truck restriction signs, which are attached to bridges. The length of the legend should be calculated for each sign by using the sign legend analysis program. Sign measurements shall be in 6-inch increments.

7.2 Design Elements

Critical elements on the clearance diagrams are

- The location of existing guardrail or barrier wall
- The cross section of the roadway and shoulders, including the widths of paved surfaces
- The location of any proposed guardrail or median barrier to protect sign structures within the clear area that are not of breakaway construction
- The horizontal and vertical location of the signs in relation to the cross section of the roadway and lanes
- The structural support number and station number
- The sign design layout
- The design sign area for the structure
- The location of any footings for the sign structure

The location of existing guardrail is indicated on the clearance diagram by the note “EXISTING GUARDRAIL.” This indicates that the existing guardrail satisfies the requirement for the structure in the clear zone, and no new guardrail or barrier is needed. Location of existing guardrail or barrier should be shown for all roadways within the clear zone of the proposed structure, including frontage roads and in medians. An example of a clearance diagram for a Type 1 structure is shown in Figure 7-1. Type 1 structures should be designed to allow for future signs to be placed over the roadway as shown in Figure 7-1. Figure 7-2 shows an example of a clearance diagram for a Type 3

structure. Figure 7-3 is an example of a clearance diagram for Type 1 structure with a concrete median barrier. Figure 7-4 is an example of a clearance diagram for a Type VII structure.

The placement of guardrail and barrier wall must also be shown on the plan view of the plans. The placement must be in accordance with GDOT Standards. GDOT Standards for Guardrail placement include

STD #	DESCRIPTION
4010	“W” BEAM GUARDRAIL
4011A	POSTS AND OFFSET BLOCKS FOR “W” & “T” BEAM GUARDRAIL
4012C	GUARDRAIL CONNECTION AT BRIDGE END OR AT CONCRETE BARRIER END
4022A	GUARDRAIL LOCATIONS IN MEDIANS AND AT TURNOUTS
4040	GUARDRAIL ANCHORAGE TYPE 12
4051	GUARDRAIL LOCATION DETAILS FOR MULTI-LANE DIVIDED HIGHWAYS
4055	GUARDRAIL LOCATION AT FIXED OBJECTS IN MEDIAN

GDOT Standard for median barrier is Standard 4940, CONCRETE BARRIER - PERMANENT

The construction details of Type 26 and 26S median barrier with sign supports are shown in Figures 7-5 and 7-6 respectively.

The following are common pay items associated with Median Barrier and Guardrail.

ITEM NO.	DESCRIPTION	UNIT
610-0716	REMOVE CONC MEDIAN BARRIER	LF
610-1055	REMOVE GUARDRAIL	LF
610-1075	REMOVE GUARDRAIL RAIL ANCH. ALL TYPES	Each
621-3126	CONCRETE BARRIER, TYPE 26S	LF
641-1100	GUARDRAIL, TP T	LF
641-1200	GUARDRAIL, TP W	LF
641-2200	DBL FACED GUARDRAIL, TP W	LF
641-5001	GUARDRAIL ANCHORAGE, TP 1	Each
641-5006	GUARDRAIL, ANCHORAGE, TP 6	Each
641-5012	GUARDRAIL ANCHORAGE, TP 12	Each
641-7200	GUARDRAIL DELINEATORS	Each

An example of the Summary of Quantities for Concrete Median Barrier (Remove and Install) is shown in Figure 7-7.

The following General Notes (subject to change) shall be included with the first clearance diagram.

GENERAL NOTES

1. OVERHEAD HIGHWAY SIGNS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND ALL SUPPLEMENTS THERETO, AS WELL AS TO THE GEORGIA STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS.
2. OVERHEAD HIGHWAY SIGNS SHALL BE FABRICATED WITH ALUMINUM BOLTED EXTRUDED PANELS.
3. BACKGROUNDS FOR OVERHEAD HIGHWAY SIGNS SHALL BE STANDARD INTERSTATE GREEN, TYPE III (ENCAPSULATED LENS) REFLECTIVE SHEETING, UNLESS SPECIFIED OTHERWISE IN THE PLANS.
4. LEGENDS FOR OVERHEAD HIGHWAY SIGNS SHALL BE WHITE, TYPE VI (PRISMATIC LENS) REFLECTIVE SHEETING LETTERS, NUMERALS, SYMBOLS, AND BORDERS ON 0.032 INCH ALUMINUM CUTOUTS.
5. SHIELDS SHALL BE 0.08 INCH ALUMINUM OF THE SIZE AND SHAPE SPECIFIED IN THE PLANS. U.S. AND GEORGIA SHIELD LEGENDS SHALL BE BLACK NUMERALS AND LETTERS SILK SCREENED ON WHITE, TYPE VI (PRISMATIC LENS) REFLECTIVE SHEETING BACKGROUNDS WITH NO BORDERS. INTERSTATE SHIELDS SHALL BE PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
6. FOR DETAILS OF U.S. AND INTERSTATE SHIELDS AND ARROWS, REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
7. LEGENDS FOR OVERHEAD HIGHWAY SIGNS SHALL BE FASTENED TO SIGN WITH ALUMINUM PULL-THROUGH BLIND RIVETS OR WITH AN APPROVED NON-CORROSIVE FASTENER.
8. SPACING BETWEEN LETTERS OR OTHER CHARACTERS THAT IS NOT SHOWN IN THE PLANS MAY BE RECOMMENDED BY THE MANUFACTURER, BUT SHALL CONFORM TO INTERSTATE SIGNING REQUIREMENTS.
9. YELLOW OVERLAYS SHALL BE 0.08 INCH ALUMINUM OF THE SIZE SPECIFIED IN THE PLANS. LEGENDS SHALL BE BLACK LETTERS,

NUMERALS, AND SYMBOLS SILK SCREENED ON STANDARD INTERSTATE YELLOW BACKGROUND, TYPE III (ENCAPSULATED LENS) REFLECTIVE SHEETING BACKGROUNDS. SEE GENERAL NOTE NO. 4 FOR BORDER. SIGN PANELS BEHIND YELLOW OVERLAYS SHALL BE THE SAME COLOR AS THE REST OF THE SIGN.

10. ALL OVERHEAD STRUCTURES SHALL BE DESIGNED FOR EXTERNAL ILLUMINATION, ALTHOUGH ILLUMINATION IS NOT REQUIRED ON THIS PROJECT. FOR SPECIFICATIONS ON STRUCTURAL SUPPORTS FOR OVERHEAD HIGHWAY SIGNS, SEE SECTION 638 OF THE GEORGIA STANDARD SPECIFICATIONS AND SUPPLEMENTS THERETO.

11. STRUCTURE NUMBER SHALL BE PLACED ON OUTSIDE SHOULDER VERTICAL SUPPORT OF STRUCTURE USING DIE CUT, 6 INCH SERIES "D," WHITE, TYPE I (ENCLOSED LENS) REFLECTIVE SHEETING CHARACTERS ON STANDARD INTERSTATE GREEN, TYPE I (ENCLOSED LENS) REFLECTIVE SHEETING. THE STRUCTURE NUMBER, WHICH SHALL READ FROM TOP TO BOTTOM, SHALL BE PLACED AT EYE LEVEL AND POSITIONED SO THAT IT IS VISIBLE TO ONCOMING TRAFFIC. COAT AREA WHERE STRUCTURE NUMBER IS TO BE PLACED WITH PRIMER AND ALLOW TO DRY BEFORE PLACING STRUCTURE NUMBER.

ON TYPE VII STRUCTURES, STRUCTURE NUMBER SHALL BE PLACED ON TYPE 1 ALUMINUM SIGN MATERIAL WITH GREEN, ENGINEERING GRADE, REFLECTIVE SHEETING BACKGROUND AND ATTACHED TO BRIDGE PIER ON OUTSIDE SHOULDER IN THE SAME ORIENTATION AS ABOVE.

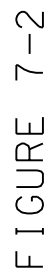
12. FOR ASSEMBLY DETAILS AND ASSEMBLY COMPONENTS DETAILS ON ALUMINUM BOLTED EXTRUDED PANELS, REFER TO GEORGIA STANDARDS 9041 AND 9042.

13. ANCHOR BOLTS SHALL MEET THE REQUIREMENTS OF ASSHTO M 314 GRADE 55.

14. THE RESPONSIBILITY TO DETERMINE THAT THE SPAN LENGTHS SHOWN ON THE PLANS ARE CORRECT AND TO DETERMINE THE ELEVATION OF THE HIGHEST POINT OF THE PAVEMENT OR SHOULDER AND OF THE GROUNDLINE AT THE CENTERLINE OF EACH VERTICAL SUPPORT FOR ALL OVERHEAD STRUCTURES PRIOR TO THEIR DESIGN AND FABRICATION SHALL BE THE CONTRACTOR'S.

15. SHORING SHALL BE INCLUDED AT NO COST TO THE DEPARTMENT IF REQUIRED FOR FOOTING CONSTRUCTION ON SIGN PROJECTS WITH NO ROADWAY CONSTRUCTION.

STA 1550+00, I-20 WBL



HRW LJORDE ENGINEERS, PLANNERS ARCHITECTS SUITE 200 2810 N. GUNN RD. DUBLIN, GEORGIA 30128 (678) 775-6888 FAX (678) 775-4848	GRAY-CALHOUN & ASSOCIATES, INC. GC ASSOCIATES 1800 PEACHTREE STREET, NW SUITE 200 ATLANTA, GEORGIA 30309 PH. 404-355-4010 FAX 404-355-0604	NAME		DATE	REVISIONS	DATE	REVISIONS
		NAME					
		DESIGNED	CHECKED				
		PREPARED	CONFERRED				

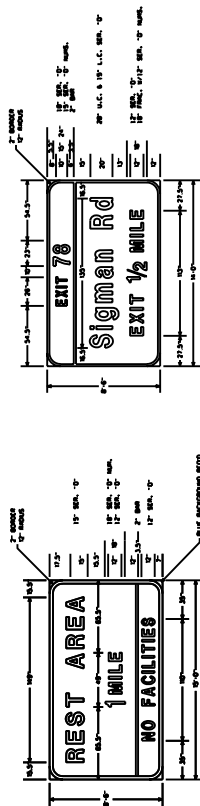
STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GA	\$PROJECT\$	\$CDD27	\$707\$

DETAILS & CLEARANCE DIAGRAM FOR OVERHEAD SIGNS

STRUCTURAL SUPPORT #A0773

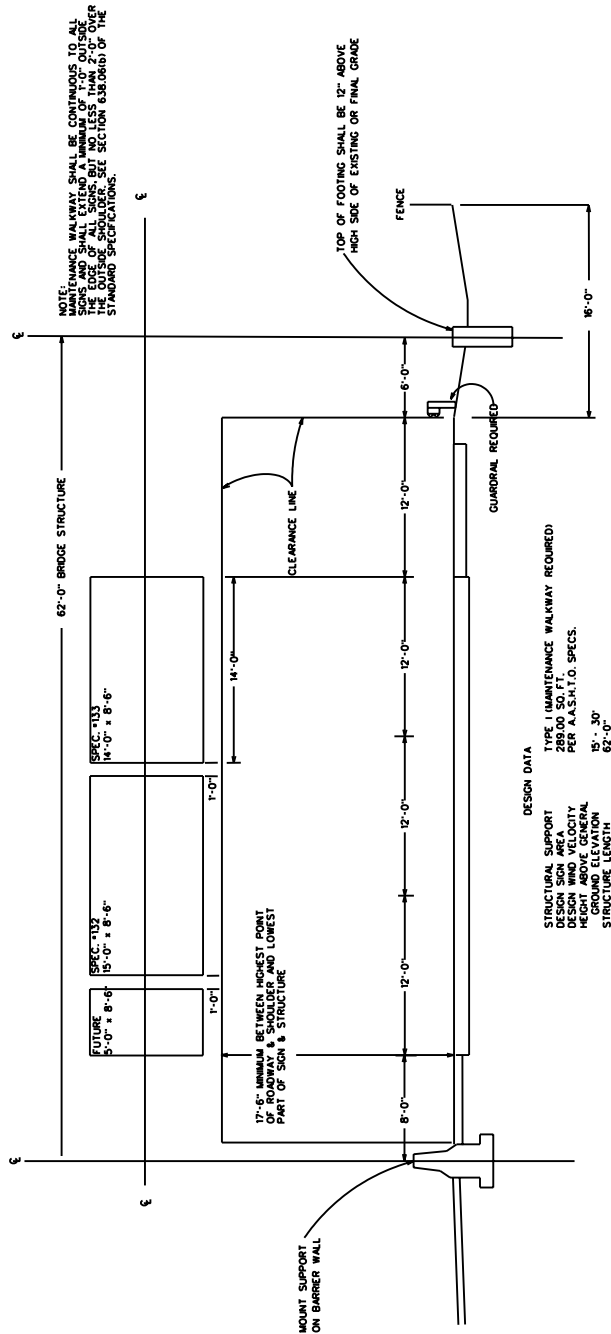
STA 1575+70, I-20 EBL

- NO SCALE -



SPECIAL #133

SPECIAL #132



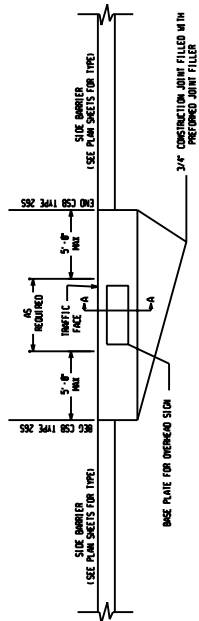
DESIGN DATA

STRUCTURAL SUPPORT	TYPE (MAINTENANCE WALKWAY REQUIRED)
DESIGN WIND VELOCITY	PER A.A.S.H.T.O. SPECS.
DESIGN WIND VELOCITY	PER A.A.S.H.T.O. SPECS.
HEIGHT ABOVE GROUND	15'-30"
GROUND ELEVATION	62'-0"
STRUCTURE LENGTH	62'-0"

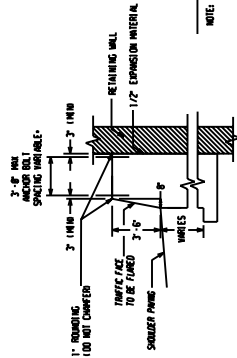
FIGURE 7-3

HR W L JORDE ENGINEERING & ARCHITECTS 1800 PEACHTREE STREET, NW SUITE 200 ATLANTA, GEORGIA 30309 PH. 404-355-4010 FAX 404-355-0604	GRAY-CALHOUN & ASSOCIATES, INC. 1800 PEACHTREE STREET, NW SUITE 200 ATLANTA, GEORGIA 30309 PH. 404-355-4010 FAX 404-355-0604	DATE REVISIONS DATE REVISIONS	GEORGIA DEPARTMENT OF TRANSPORTATION CLEARANCE DIAGRAM PROJECT NO. \$PROJECT\$ COUNTY \$COUNTY\$ DATE \$DATE\$ DWG NO. 16-27

DEPARTMENT OF TRANSPORTATION	OFFICE OF ROAD DESIGN	
STATE OF GEORGIA		
CONCRETE MEDIAN BARRIER DETAILS OF TYPE 26S (FOR SIGN SUPPORTS)	NOV. 16, 1999	
NO SCALE	DESIGNED: _____	
	DRAWN: _____	
	CHECKED: _____	



ALTERNATE DETAIL - APPLICABLE WHERE SHOWN ON PLANS



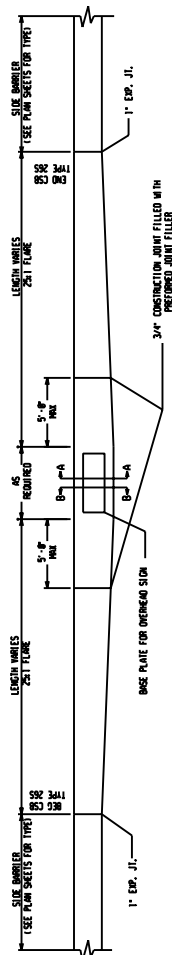
**SIDE BARRIER ADJACENT
TO WALL DETAIL**

NOTE: DO NOT USE THIS SECTION IF SIDE BARRIER ENCROACHES ON ROADWAY SHOULDERS. CLEAR WIDTH TO FACE OF BARRIER.

SECTION B-B

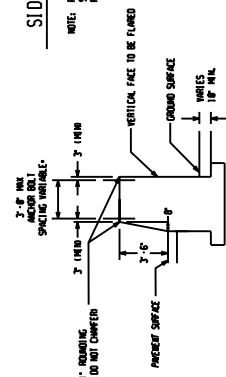
NOTES:

1. THE DESIGN OF SIGN SUPPORT AND FOOTING SHALL BE DESIGNED BY THE CONTRACTOR RESPONSIBLE FOR CONSTRUCTING THE TYPE 26S BARRIER, AND APPROVED BY THE GA. DEPT. OF TRANSPORTATION PRIOR TO START OF CONSTRUCTION.
 2. ANCHOR BOLT SPACING AND BARRIER WIDTH WILL DEPEND ON THE DESIGN OF THE SUPPORT BASE PLATE AND WILL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
 3. DEPTH AND SHAPE OF FOOTING SHALL BE DETERMINED BY THE CONTRACTOR.
 4. THE PRICE BID FOR CONCRETE BARRIER, TO 26S, SHALL INCLUDE THE ANCHOR BOLTS, BARRIER, FOOTING, AND MATERIAL NECESSARY TO BUILD THE FOOTING UP TO THE TOP OF THE BARRIER.
 5. SEE PLANS FOR LOCATIONS.
 6. BASIS OF PAYMENT:
CONC. MED. BARRIER, TO 26S.....PER LIN FT
CONC. SIDE BARRIER, TO 26S.....PER LIN FT
 7. PAYMENT FOR TYPE 26S BARRIER SHALL INCLUDE THE 1" EXPANSION JOINTS AT EACH END AND NEAT VERTICAL SAVED JOINTS AT ANY REMOVAL LINES.
 8. PAYMENT FOR TYPE 26S BARRIER SHALL INCLUDE RESTORING DISTURBED SHOULDER PAVING TO ORIGINAL ELEVATION, A MINIMUM OF 12" WIDE, WITH CURBS REPLACING THE DISTURBED CLOSURE TO MATCH THE EXISTING SHOULDER OR REPLACING THE DISTURBED SHOULDER IN KIND.
- IN LIEU OF AN APPROVED SIGN FOOTING DESIGN,
THE CONTRACTOR SHALL USE THE ALTERNATE SIGN FOOTING
DESIGN FOR TYPE 26S CONCRETE BARRIER,
AS SHOWN ON SHEET
- THE CONTRACTOR RESPONSIBLE FOR CONSTRUCTING
THE TYPE 26S CONCRETE BARRIER SHALL BE RESPONSIBLE
FOR OBTAINING APPROVED ANCHOR BOLT SIZES AND SPACINGS
FROM THE SIGN CONTRACTOR.

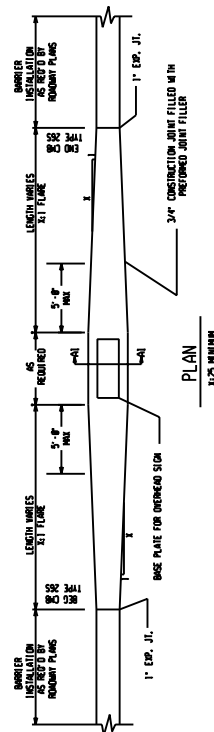


SIDE BARRIER DETAIL

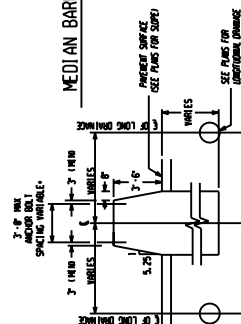
NOTE: REINFORCING STEEL NOT SHOWN.
SEE REINFORCING STEEL DETAILS
FOR APPROPRIATE SIDE BARRIER.



SECTION A-A



MEDIAN BARRIER DETAIL



SECTION A1 - A1

NOTE:

WHERE BARRIER HEIGHTS ON OPPOSITE SIDES VARY, PAYMENT FOR TP 26S BARRIER SHALL INCLUDE ALL EXTENDED FOOTINGS AND ADDITIONAL HEIGHTS WITH THE REQUIRED REINFORCING AS SHOWN ON SEPARATE DETAILS AND/OR STANDARDS FOR TP'S 21, 22-A, 22-B, OR OTHER SPECIFIED DESIGNS FOR THE REQUIRED ELEVATION DIFFERENCES.

FIGURE 7-6

CONCRETE MEDIAN BARRIER (LIN. FT.)			
STATION		QUANTITY	
BEGIN	END	REMOVE	REQ'D TP 26
1077 + 70	1078 + 30	60	60
1097 + 70	1098 + 30	60	60
1102 + 95	1103 + 45	50	50
1111 + 65	1112 + 25	60	60
1119 + 30	1119 + 90	60	60
1164 + 70	1165 + 30	60	60
1251 + 40	1252 + 00	60	60
1270 + 20	1270 + 80	60	60
1417 + 60	1418 + 20	60	60
1439 + 10	1439 + 70	60	60
1488 + 70	1489 + 30	60	60
TOTALS		1670	1670

NOTES:

1. NEW BARRIER SHALL MATCH EXISTING BARRIER IN MAXIMUM WIDTH AT TOP AND TAPER RATE.
2. ANY GLARE SCREEN AND/OR ROADWAY OR OVERHEAD SIGN LIGHTING CONDUIT AND CABLE REMOVED SHALL BE REPLACED IN KIND. COST SHALL BE INCLUDED IN PRICE BID FOR TYPE 26 CONCRETE BARRIER.
3. THE PRICE BID FOR TYPE 26 CONCRETE BARRIER SHALL INCLUDE ALL COSTS ASSOCIATED WITH THE RESTORATION, RE-ROUTING, OR ANY OTHER REQUIRED MODIFICATION TO EXISTING STORM DRAIN SYSTEMS IN CONFLICT WITH THE BARRIER INSTALLATION. THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE EXISTING CONDITIONS TO DETERMINE THE MOST DESIREABLE MODIFICATION TO THE TYPE 26 CONCRETE BARRIER OR TO THE DRAINAGE SYSTEM AT THESE LOCATIONS. ANY MODIFICATION SHALL BE AS APPROVED BY THE ENGINEER.
4. EXISTING PAVEMENT SHALL BE SAW CUT (AND REMOVED) A MAXIMUM OF ONE (1) FOOT OUTSIDE THE LIMITS OF THE PROPOSED TYPE 26 BARRIER. COST OF THE SAW CUT SHALL BE INCLUDED IN PRICE BID FOR EXISTING BARRIER REMOVAL.
5. ANY NEW PAVEMENT REQUIRED SHALL BE PLACED IN ACCORDANCE WITH GEORGIA STANDARD 1401. COST SHALL BE INCLUDED IN PRICE BID FOR TYPE 26 CONCRETE BARRIER.

FIGURE 7-7
EXAMPLE SUMMARY OF QUANTITIES – CONCRETE MEDIAN BARRIER

Section 8 LOGO SIGNS

8.1 General

The design and location of logo signs is not a normal part of an interstate signing project. The design and installation of logo signs are a function of Georgia LOGO Signing which designs, installs and maintains these signs on the right of way. However, in the design of an interstate signing project, there may be conflicts with existing logo signs. It is the responsibility of the interstate signing project to move and remount any logo signs that conflict with locations where a new sign is to be installed. Relocation should be considered if a special roadside or overhead sign structure needs to be installed within 800 feet of the logo sign.

The GDOT Transportation Online Policy and Procedure System (TOPPS) Document 6675-10 Guidelines for Specific Service Signing – LOGO Business Signs details the specific information on design and placement of logo signs. The relocation of any logo signing should be in accordance with this document. Relocation of one logo sign for an interchange may require moving other logo signs to provide for the sequence of CAMPING, LODGING, FOOD AND GAS in the direction of travel.

An example of the Summary of Quantities for remove and reset logo signs is shown in Figure 8-1.

The following is common pay item associated with relocating logo sign.

ITEM NO.	DESCRIPTION	UNIT
610-0019	REMOVE AND RESET LOGO SIGN	Each

REMOVE AND RESET LOGO SIGNS		
STATION REMOVAL	STATION RESET	QUANTITY
4251 + 10	4257 + 00	1
4553 + 20	4557 + 00	1
4875 + 60	4886 + 00	1
6311 + 80	6319 + 00	1
6432 + 20	6445 + 00	1
6440 + 30	6453 + 00	1
6448 + 20	6461 + 00	1
6558 + 80	6563 + 00	1
6683 + 20	6688 + 00	1
6674 + 20	6680 + 00	1
6828 + 80	6860 + 00	1
8138 + 00	8140 + 00	1
8185 + 00	8180 + 00	1
8424 + 00	8422 + 00	1
TOTAL		14

FIGURE 8-1
EXAMPLE SUMMARY OF QUANTITIES – REMOVE AND RESET LOGO SIGNS

Section 9

SIGN LAYOUTS

9.1 General

The sign detail layouts are provided for specific applications. The length of the legend can be calculated for each sign by using the sign legend program. Sign measurements must be in 6-inch increments.

Table 9-1 shows the border and radius requirements for all sign layouts.

TABLE 9-1 BORDER AND RADIUS REQUIREMENTS

Sign Height	Less than 3'-0"	3'-0" to 5'-0"	5'-6" to 7'-0"	7'-6" to 10'-0"	Greater than 10'-0"
Border	*1 1/8"	*1 1/8"	2"	2"	3"
Radius	3"	6"	9"	12"	12"

*Signs 5'-0" or less in height with 10" or 12" capital letters or 13.33" upper case/10" lower case and greater letters shall have 2" borders. Signs 5'-0" or less in height with 8" upper case/6" lower case or 6" capital letters shall have 1 1/8" borders.

Sign layouts for the following specific signs are detailed in Figures 9-1 through 9-4 respectively.

CODE	SIGN LEGEND	FIGURE
R554-5	NO TRUCKS OVER 6 WHEELS ALLOWED IN LEFT LANE	9-1
R554-11	ALL THRU TRUCKS OVER 6 WHEELS MUST USE I-285	9-2
	RIDESHARE	9-3
R554-X	NO TRUCKS OVER 6 WHEELS ALLOWED IN X LEFT LANES	9-4

Table 9-2 shows a list of the specific sign layouts provided in the appendix and particular use of the layout. The signs are grouped by categories of advance exit signs, intermediate exit signs, exit signs, destination signs, and political boundary signs. The table is intended to allow the designer to correctly choose the proper template for the sign layout based on the following items:

- Exit numbering - numbered or unnumbered
- Mounting - overhead or ground
- Sign sequence position – advance, intermediate or exit
- Exit lane arrangement – normal, 1 lane continuous, 1 lane continuous with an optional lane, 2 or more lanes continuous
- Number of destination lines on the sign – 1, 2, or 3
- Exit route shields and directions – Interstate shield, US or GA route shield, cardinal directions

Table 9-2 also lists templates for supplemental exit signs, hospital signs and political boundary signs.

TABLE 9-2 GUIDE SIGN TEMPLATES

Category	Exit #s	No Exit #s	Mounted Overhead	Sign Location			Exit Lane(s) Arrangement			Destination Lines			Exit Routes			Template to Use
				Advance	Intermediate Advance	Exit	Exit Only	Exit Only + Option	Exit Only 2 or more lanes	1	2	3	Interstate Shield	US or Ga Shield	Cardinal Direction	
Exit	X		X	X						X	X	X				1
Exit	X		X	X						X	X		X			2
Exit	X		X	X								X	X			3
Exit	X		X	X						X	X		X		X	4
Exit	X		X	X								X	X		X	5
Exit	X		X	X						X	X	X		X		6
Exit	X		X	X						X	X			X	X	7
Exit	X		X	X								X		X	X	8
Exit	X		X			X				X	X	X				9
Exit	X		X			X				X	X	X	X			10
Exit	X		X			X				X	X	X	X		X	11
Exit	X		X			X				X	X	X		X		12
Exit	X		X			X				X	X	X		X	X	13
Exit	X		X	X			X			X	X					14
Exit	X		X	X			X					X				15
Exit	X		X	X			X			X	X		X			16
Exit	X		X	X			X					X	X			17
Exit	X		X	X			X			X	X		X		X	18
Exit	X		X	X			X					X	X		X	19
Exit	X		X	X			X			X	X			X		20
Exit	X		X	X			X					X		X		21
Exit	X		X	X			X			X	X			X	X	22
Exit	X		X	X			X					X		X	X	23
Exit	X		X		X		X			X	X	X				24
Exit	X		X		X		X			X	X		X			25
Exit	X		X		X		X					X	X			26
Exit	X		X		X		X			X	X		X		X	27
Exit	X		X		X		X					X	X		X	28
Exit	X		X		X		X			X	X			X		29
Exit	X		X		X		X					X		X		30
Exit	X		X		X		X			X	X			X	X	31
Exit	X		X		X		X					X		X	X	32
Exit	X		X			X	X			X	X	X				33
Exit	X		X			X	X			X	X		X			34
Exit	X		X			X	X					X	X			35
Exit	X		X			X	X			X	X		X		X	36
Exit	X		X			X	X					X	X		X	37
Exit	X		X			X	X			X	X			X		38
Exit	X		X			X	X					X		X		39
Exit	X		X			X	X			X	X			X	X	40
Exit	X		X			X	X					X		X	X	41
Exit	X		X	X				X		X	X					42
Exit	X		X	X				X				X				43
Exit	X		X	X				X		X	X		X			44
Exit	X		X	X				X				X	X			45
Exit	X		X	X				X		X	X		X		X	46
Exit	X		X	X				X				X	X		X	47
Exit	X		X	X				X		X	X			X		48
Exit	X		X	X				X				X		X		49
Exit	X		X	X				X		X	X			X	X	50
Exit	X		X	X				X				X		X	X	51
Exit	X		X		X	X		X		X	X	X				52
Exit	X		X		X	X		X		X	X		X			53
Exit	X		X		X	X		X				X	X			54
Exit	X		X		X	X		X		X	X		X		X	55
Exit	X		X		X	X		X				X			X	56
Exit	X		X		X	X		X		X	X			X		57
Exit	X		X		X	X		X				X		X		58
Exit	X		X		X	X		X		X	X			X	X	59
Exit	X		X		X	X		X				X		X	X	60

TABLE 9-2 GUIDE SIGN TEMPLATES

Category	Exit #s	No Exit #s	Mounted Overhead	Sign Location			Exit Lane(s) Arrangement			Destination Lines			Exit Routes			Template to Use
				Advance	Intermediate Advance	Exit	Exit Only	Exit Only + Option	Exit Only 2 or more lanes	1	2	3	Interstate Shield	US or Ga Shield	Cardinal Direction	
Exit	X		X	X					X	X	X					61
Exit	X		X	X					X			X				62
Exit	X		X	X					X	X	X		X			63
Exit	X		X	X					X			X	X			64
Exit	X		X	X					X	X	X		X		X	65
Exit	X		X	X					X			X	X		X	66
Exit	X		X	X					X	X	X			X		67
Exit	X		X	X					X			X		X		68
Exit	X		X	X					X	X	X			X	X	69
Exit	X		X	X					X			X		X	X	70
Exit	X		X		X	X			X	X	X	X				71
Exit	X		X		X	X			X	X	X		X			72
Exit	X		X		X	X			X			X	X			73
Exit	X		X		X	X			X	X	X		X		X	74
Exit	X		X		X	X			X			X	X		X	75
Exit	X		X		X	X			X	X	X			X		76
Exit	X		X		X	X			X			X		X		77
Exit	X		X		X	X			X	X	X			X	X	78
Exit	X		X		X	X			X			X		X	X	79
Exit	X			X	X					X	X	X				80
Exit	X			X						X	X		X			81
Exit	X			X								X	X			82
Exit	X			X						X	X		X		X	83
Exit	X			X								X	X		X	84
Exit	X			X						X	X	X		X		85
Exit	X			X						X	X				X	86
Exit	X			X								X			X	87
Exit	X					X				X	X	X				88
Exit	X					X				X	X	X		X		89
Exit	X					X				X	X	X		X	X	90
Sup	X									X	X	X				91
Sup		X								X	X	X				92
Sup		X								X	X	X				93
Sup	X									X	X			X		94
Sup	X											X		X		95
Sup		X								X	X			X		96
Sup		X										X		X		97
Hos	X	X								X						98
Dest		X									X	X				99
Int. Seq. Sign		X										X				100
Political Bound		X														101
River		X														102

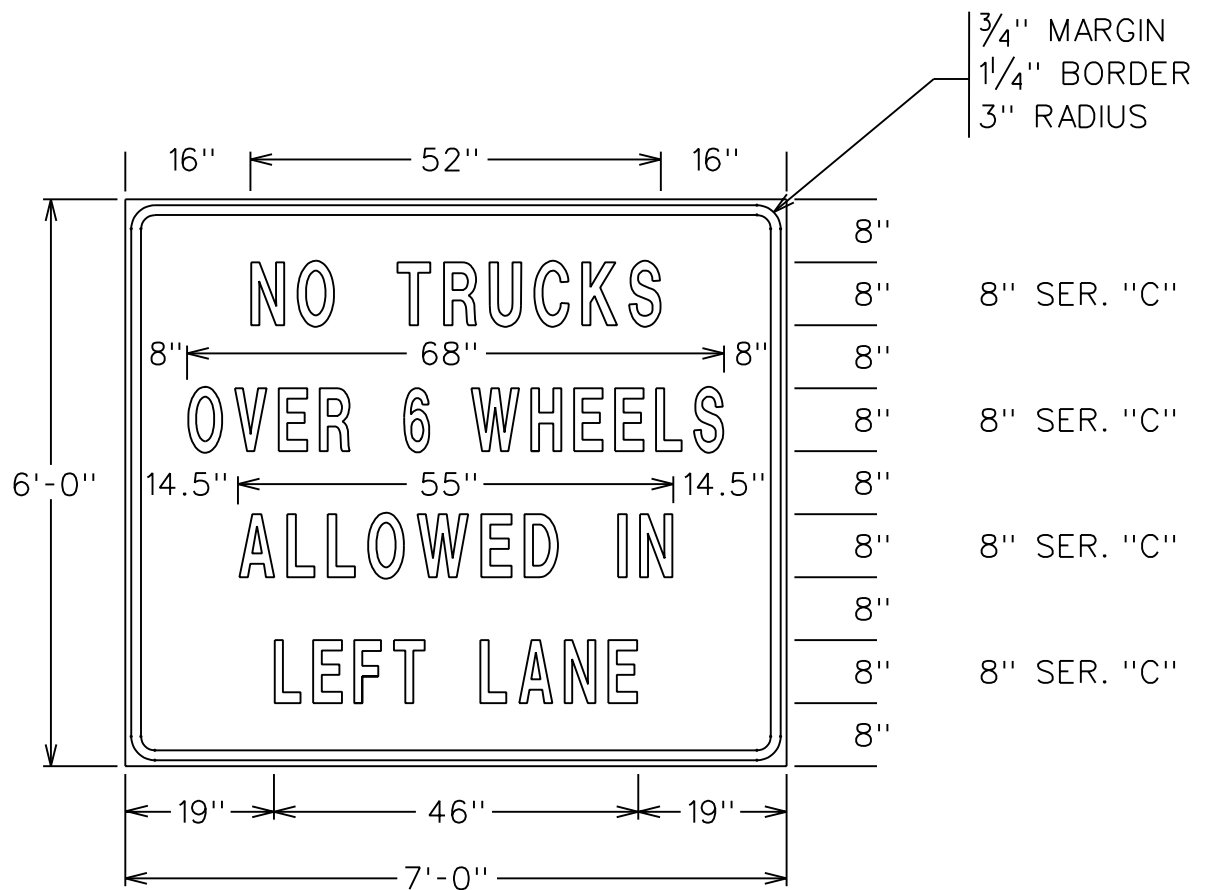
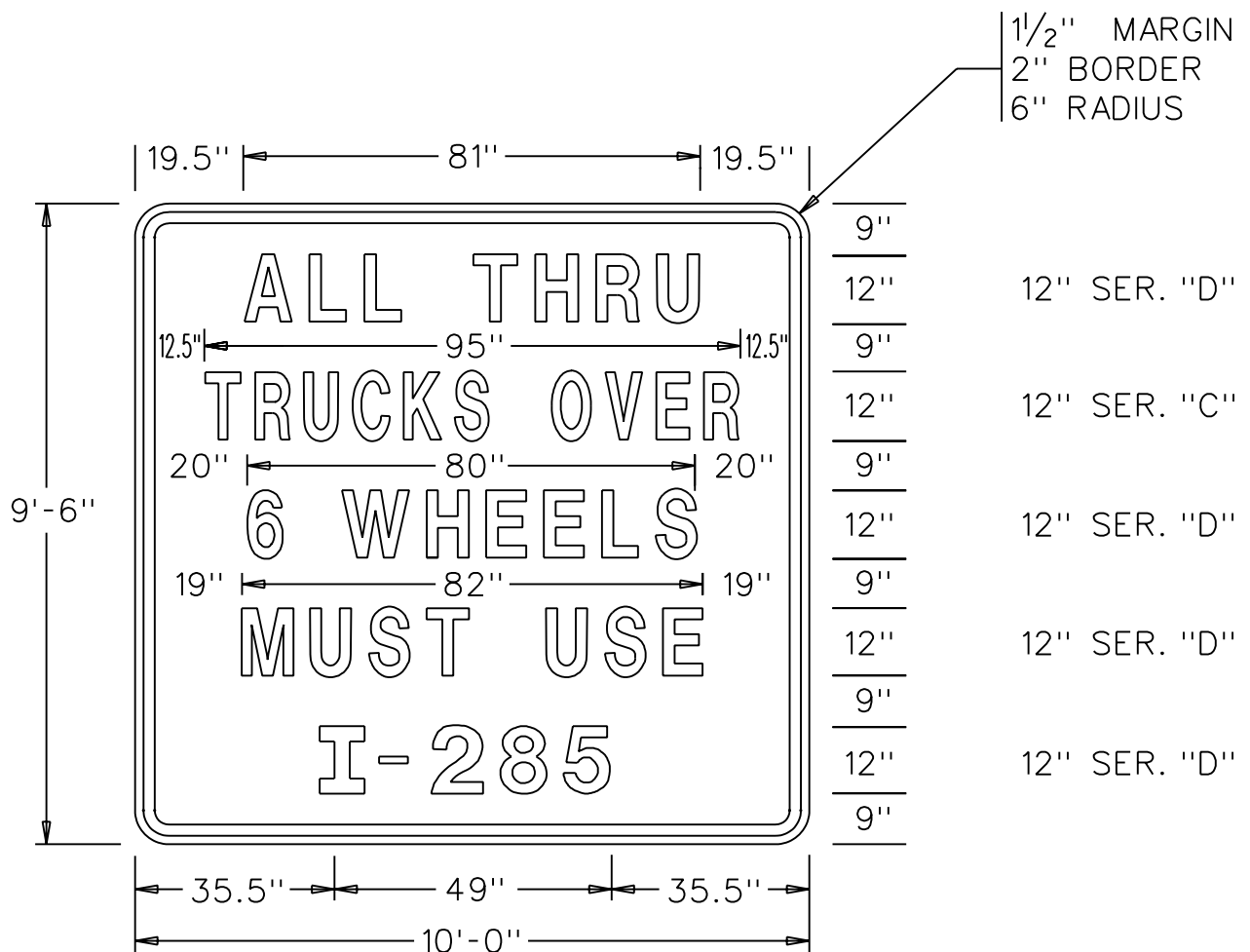


FIGURE 9-1 R554-5 SIGN DETAILS

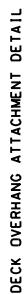


R554-11

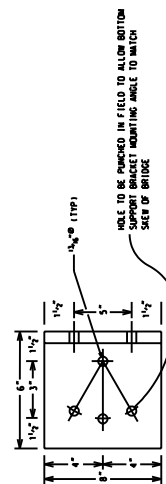
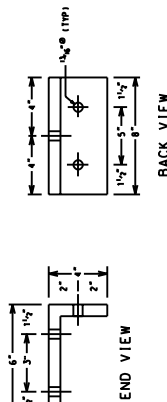
SIGN SHALL HAVE WHITE REFLECTORIZED
BACKGROUND WITH BLACK LEGEND AND BORDER.

FIGURE 9-2 ALL THRU TRUCKS SIGN DETAILS

FIGURE 9-3

November 2003

1. ALL MATERIALS SHALL BE A709 GRADE 36 GALVANIZED STEEL UNLESS SPECIFIED OTHERWISE.
2. ALL CONNECTIONS SHALL BE MADE WITH SELF LOCKING NUTS OR SPOT WELDED. THE THREADED PORTION OF BOLTS SHALL EXTEND A MINIMUM OF $\frac{1}{2}$ INCH BEYOND NUT.
3. THE PLEAS-A-SIGN SHALL BE USED ON ROADSIDE WITH 3 LAMBS OF TRAVEL IN ONE DIRECTION. THE PLEAS-A-SIGN OR ITS SIGNS SHALL BE USED ON ROADWAYS OF 4, 5, OR 6 LAMBS, RESPECTIVELY, OF TRAVEL IN ONE DIRECTION.
4. WHEN USED, SIGNS SHALL BE ATTACHED TO THE "Z" BARS SUPPORTING THE SIGN. ON BRIDGES WITH A DECK OVERHANG, THE LENGTH OF THE MOUNTING PLATE SHALL BE INCREASED IN PROPORTION TO THE DECK OVERHANG. THE LENGTH OF THE SIGNS SHALL BE INCREASED IN PROPORTION TO THE NUMBER OF SIGNS USED.
5. ON BRIDGES WITH A SLOPE OTHER THAN ZERO, SIGNS SHALL BE USED TO ADJUST THE SIGN SO THAT THE BOTTOM OF THE SIGN IS LEVEL. WHEN USED, SIGNS SHALL BE ATTACHED TO THE BOTTOM OF THE MOUNTING PLATE.
6. THE BOTTOM OF THE SIGN SHALL NOT EXTEND BELOW THE BOTTOM OF THE BRIDGE BEAM.
7. FOR DETAILS OF ALUMINUM EXTRUDED SIGN PANELS, POST CLIPS, AND BOLTS, SEE THE CURRENT VERSION OF GEOTIA STANDARD 9042.
8. THE LENGTH (L) OF THE BOTTOM SUPPORT BRACKET DEPENDS UPON THE BRIDGE BEAM SETBACK, AND SHALL BE DETERMINED IN THE FIELD.



CLIP DETAIL

November 2003

APPENDIX A

SIGN LAYOUT TEMPLATES

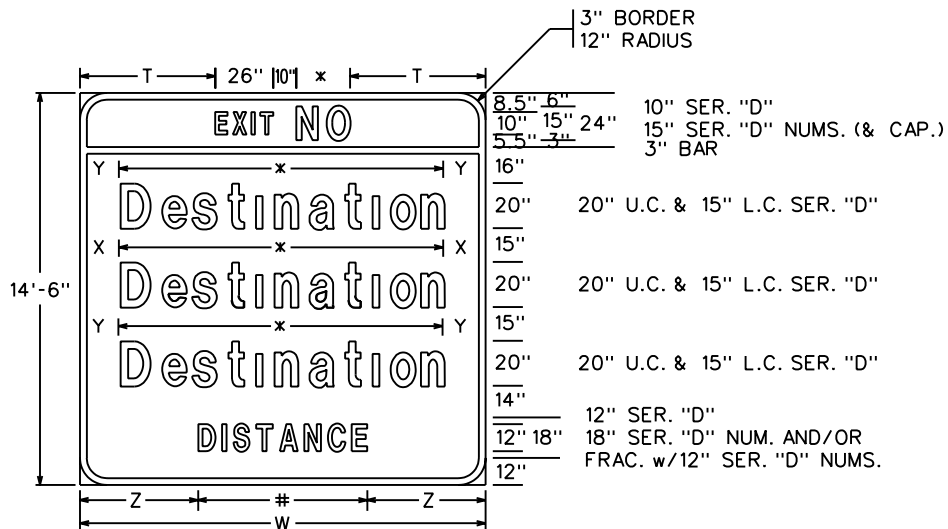
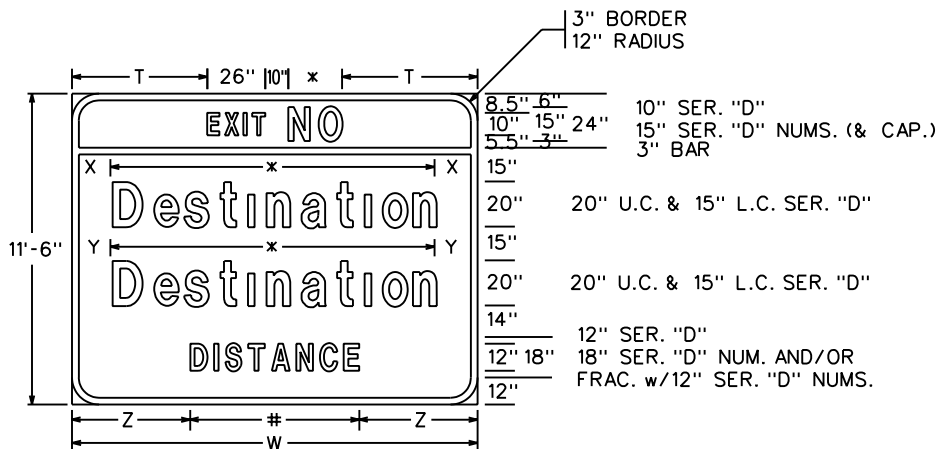
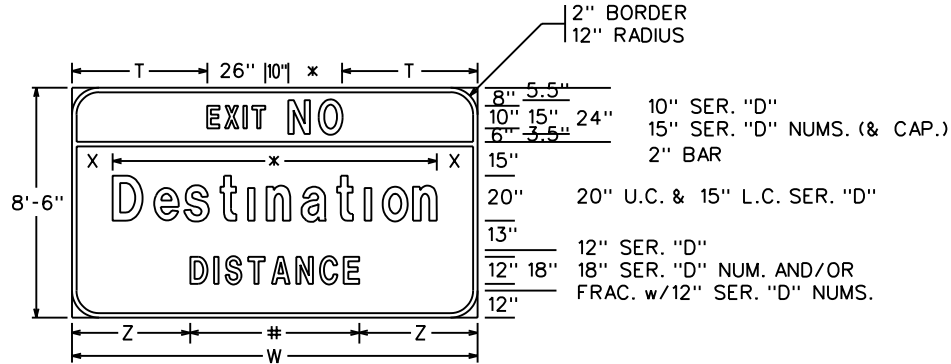
Note:

1. Sheets 1 to 79 are overhead signs.
2. Sheets 80 to 102 are ground mount signs.

SIGN TEMPLATE 1

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



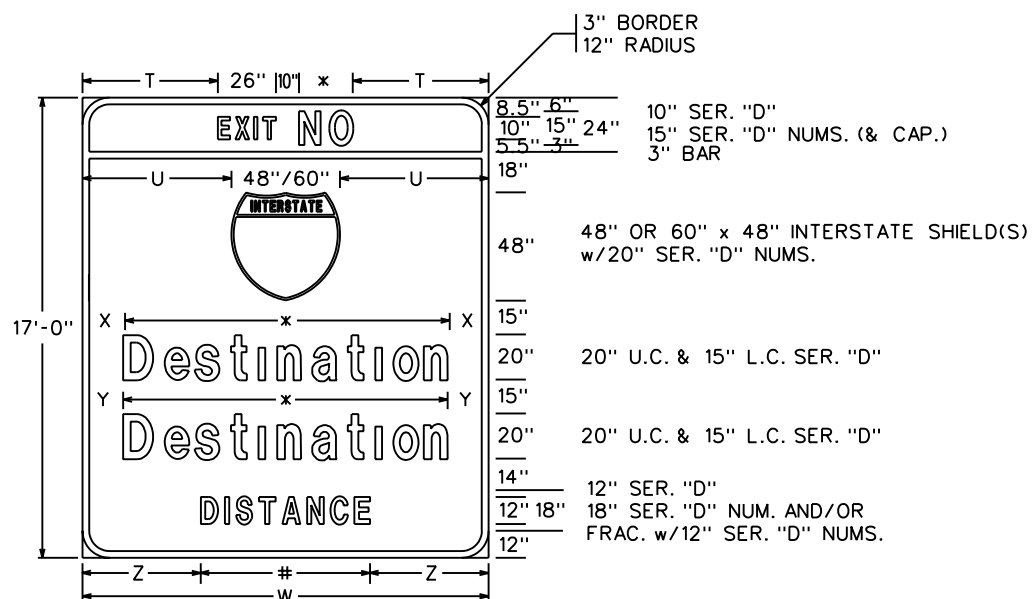
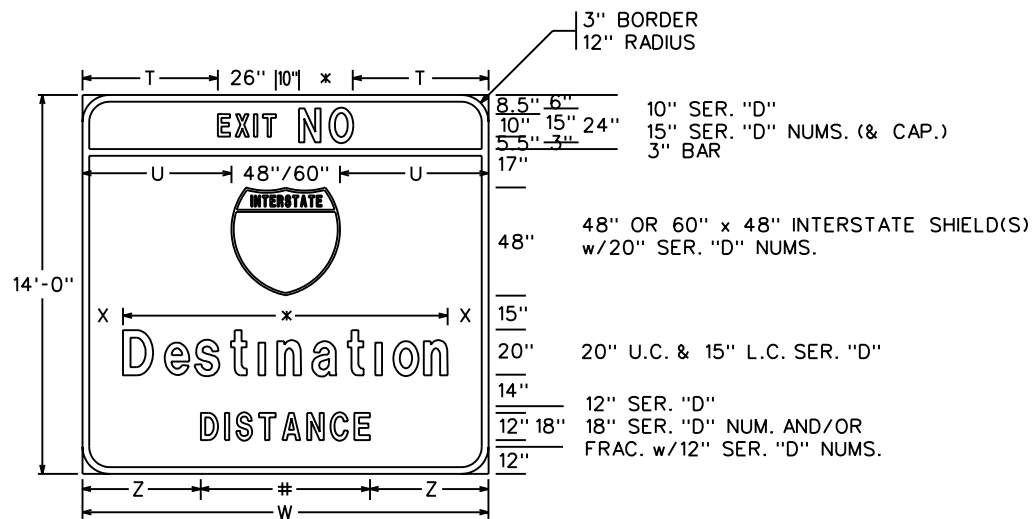
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 2

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



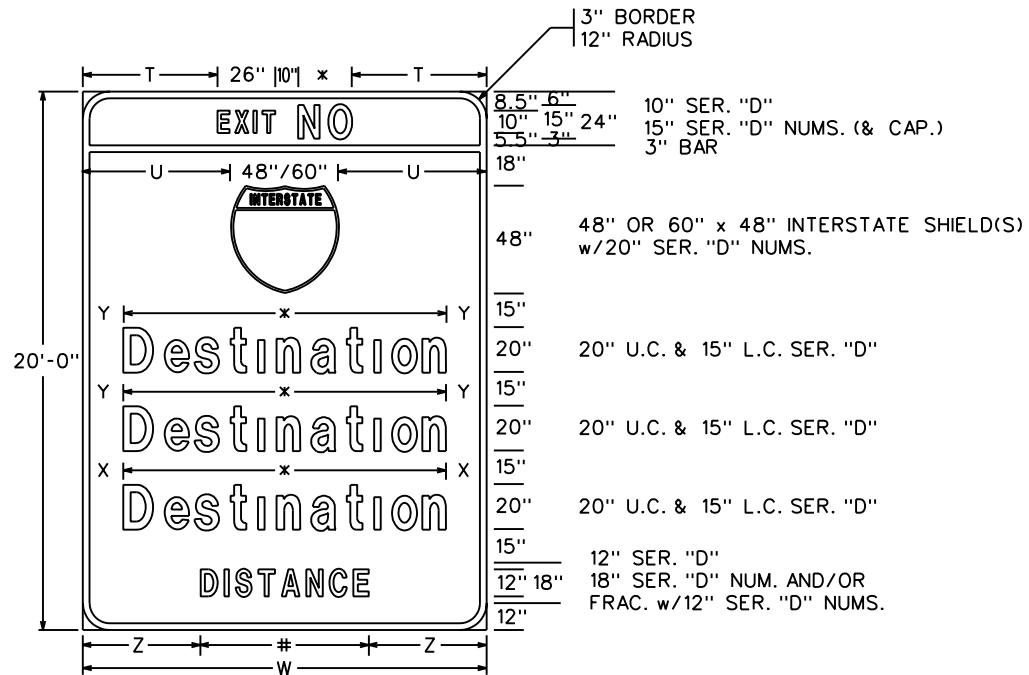
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 3

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



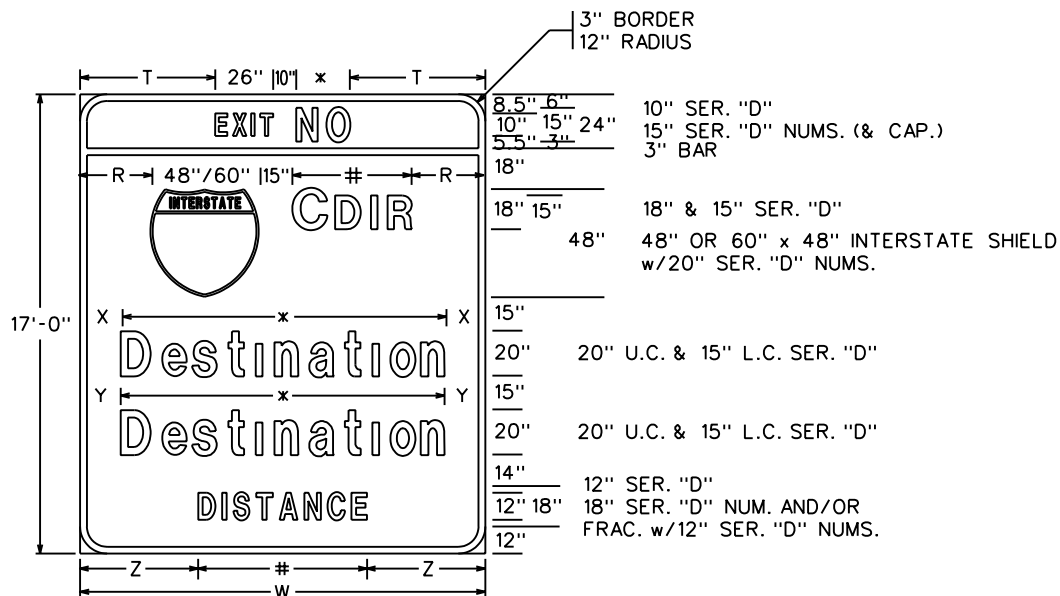
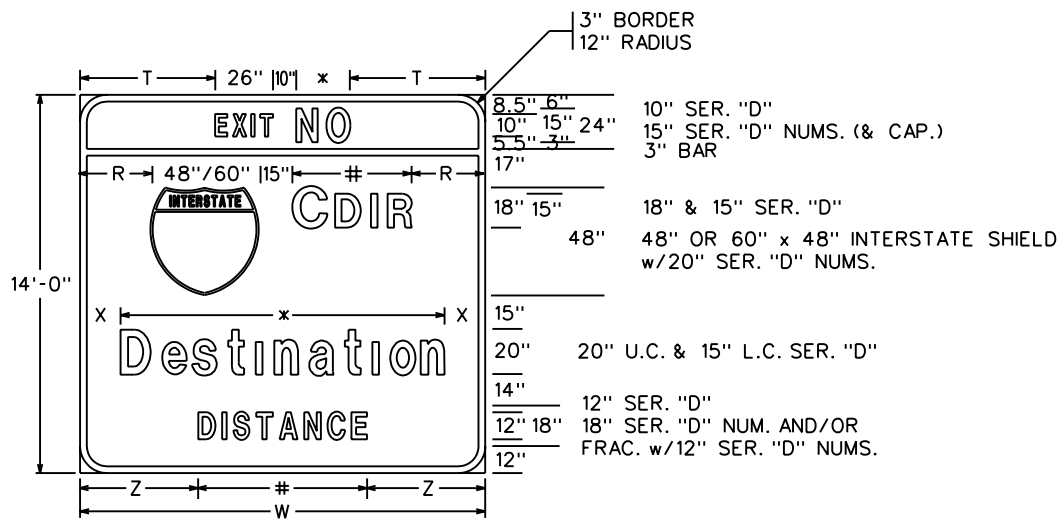
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 4

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



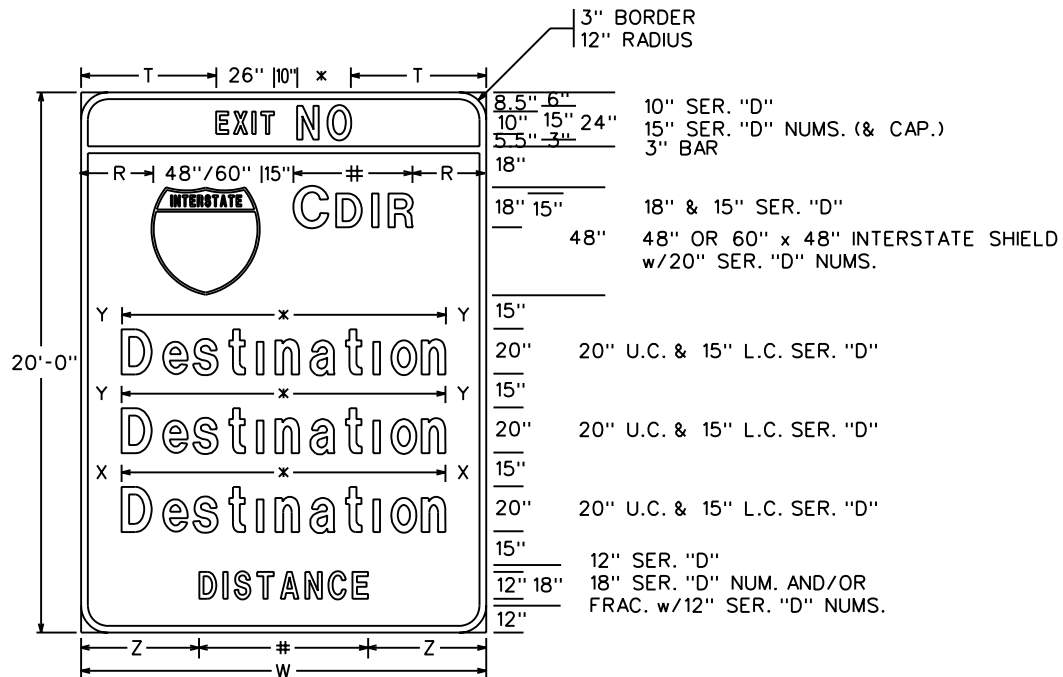
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 5

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



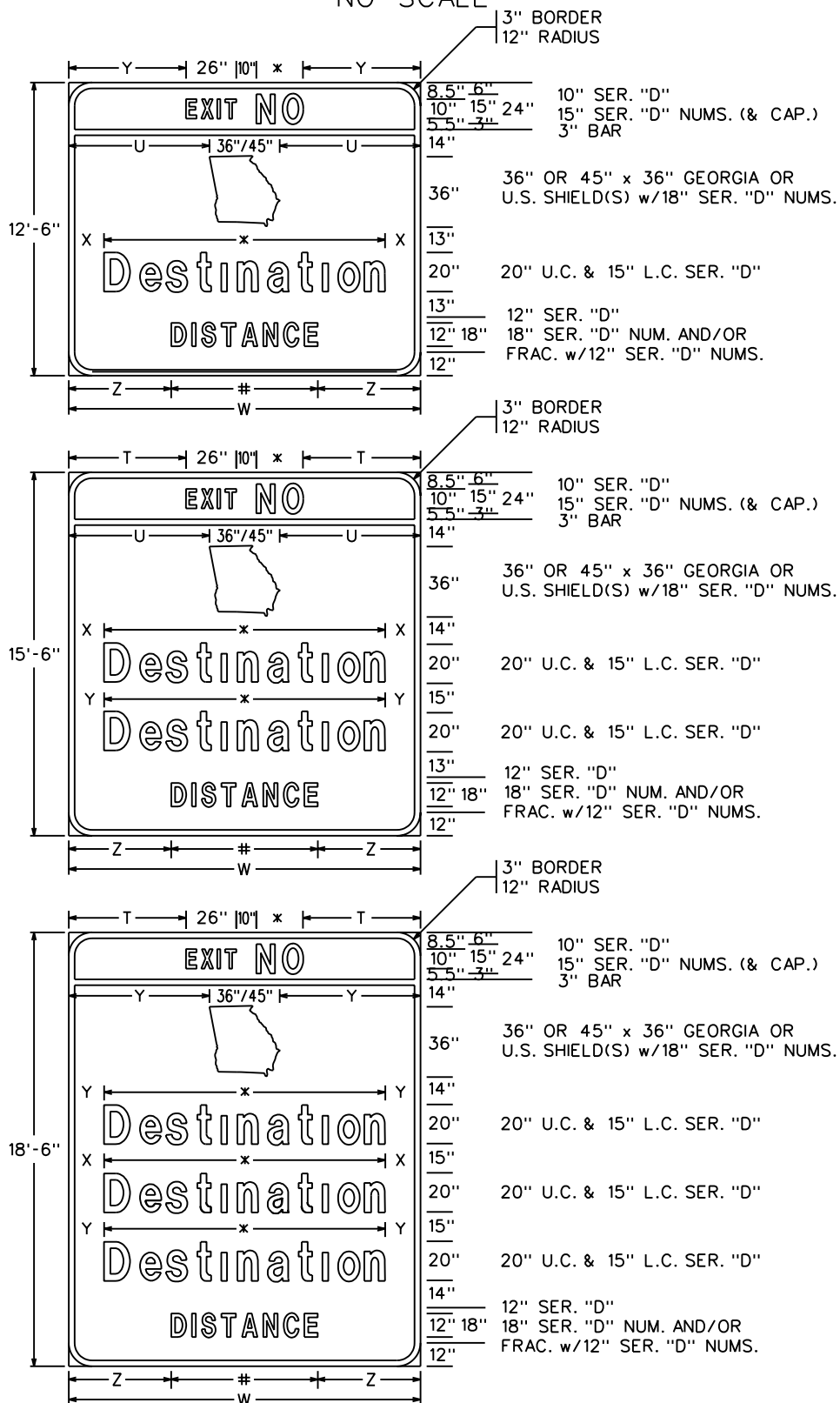
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 6

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



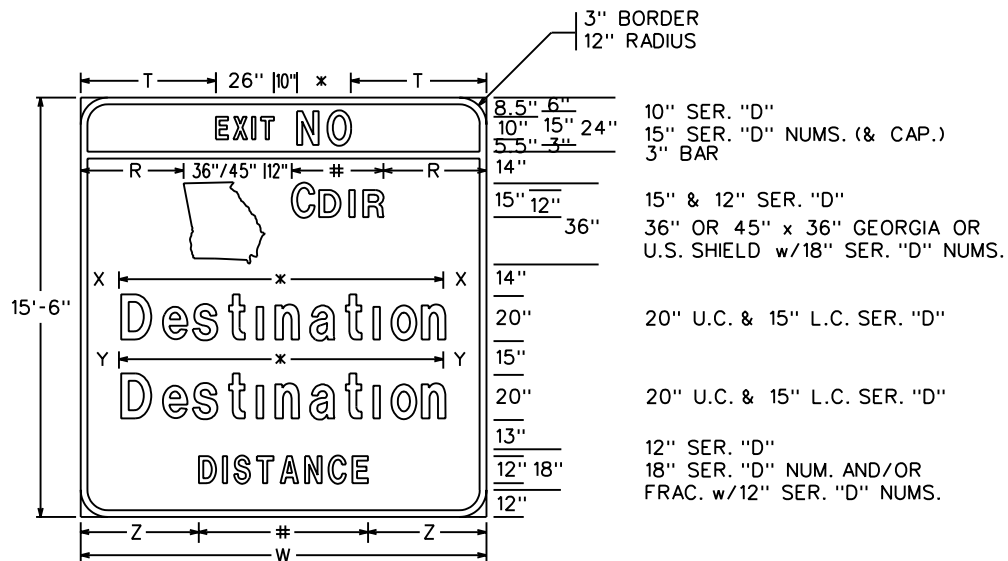
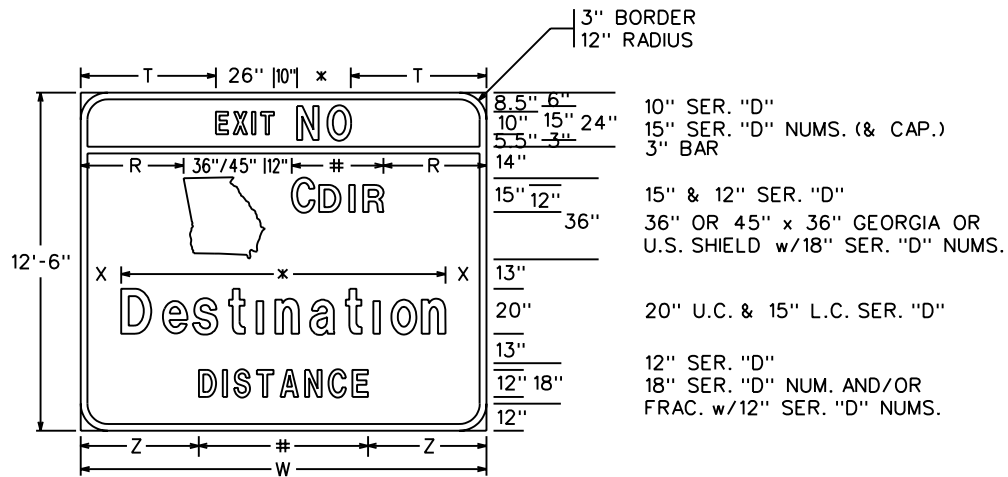
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 7

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



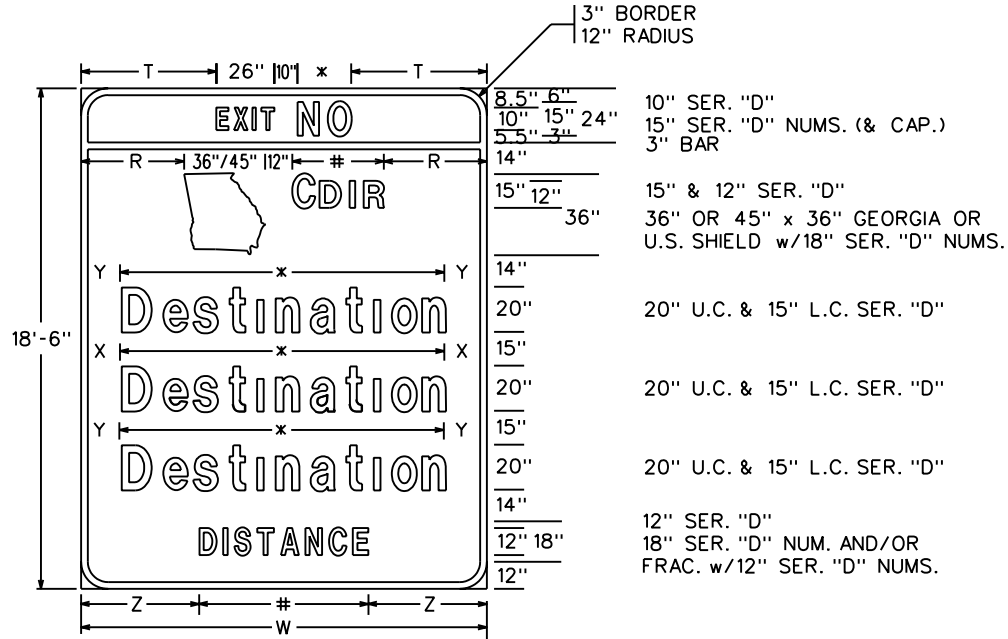
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 8

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



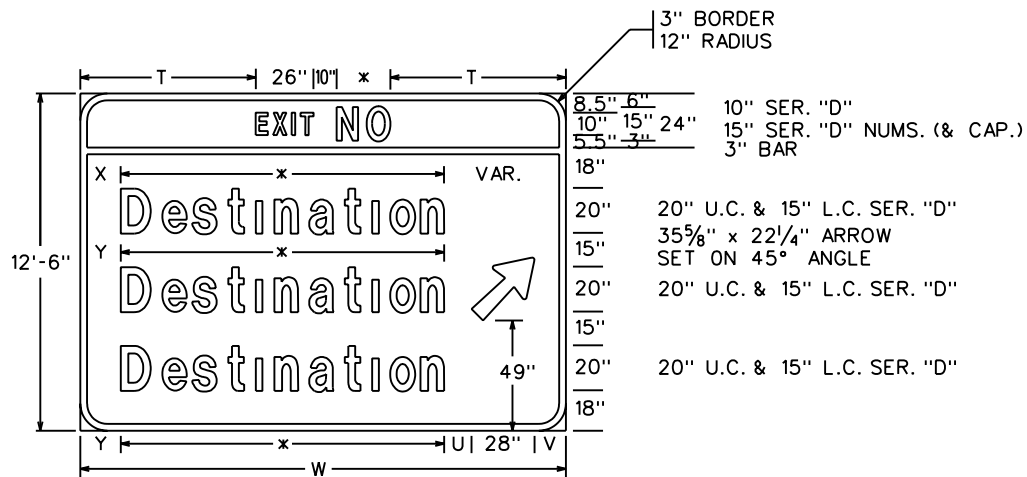
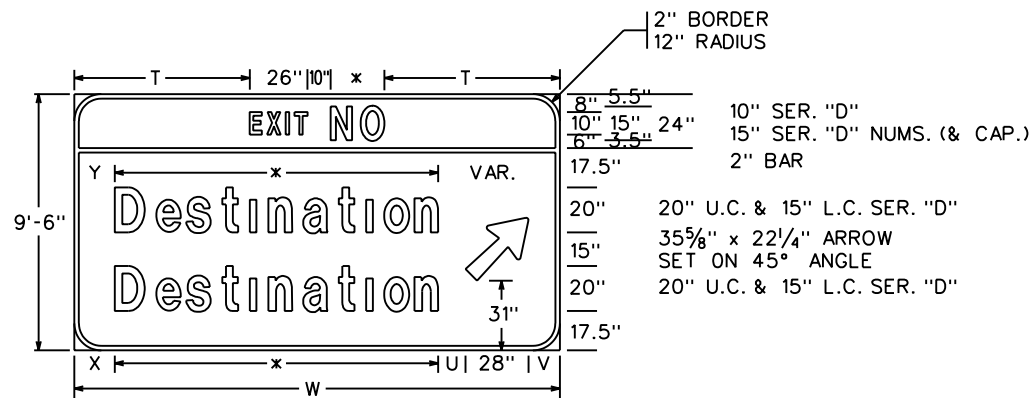
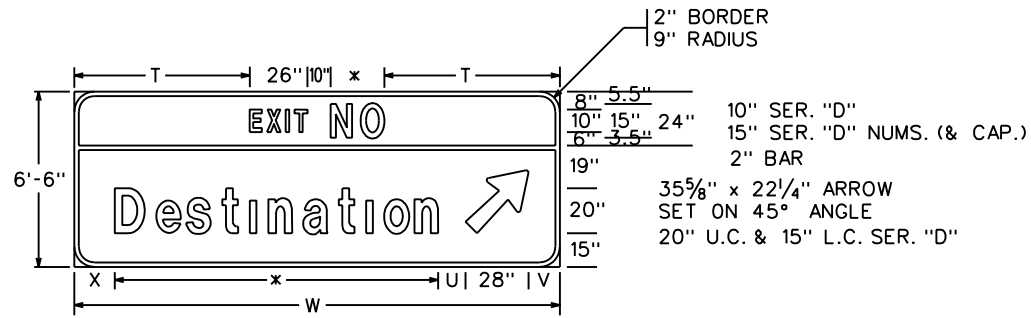
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 9

DETAILS OF EXIT DIRECTION SIGNS

- NO SCALE -



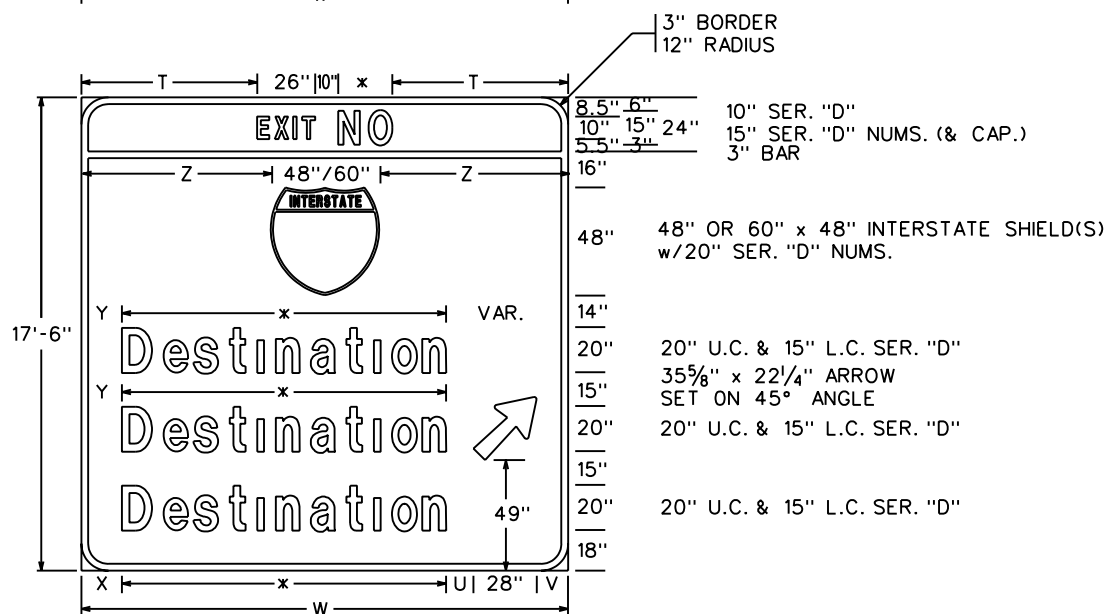
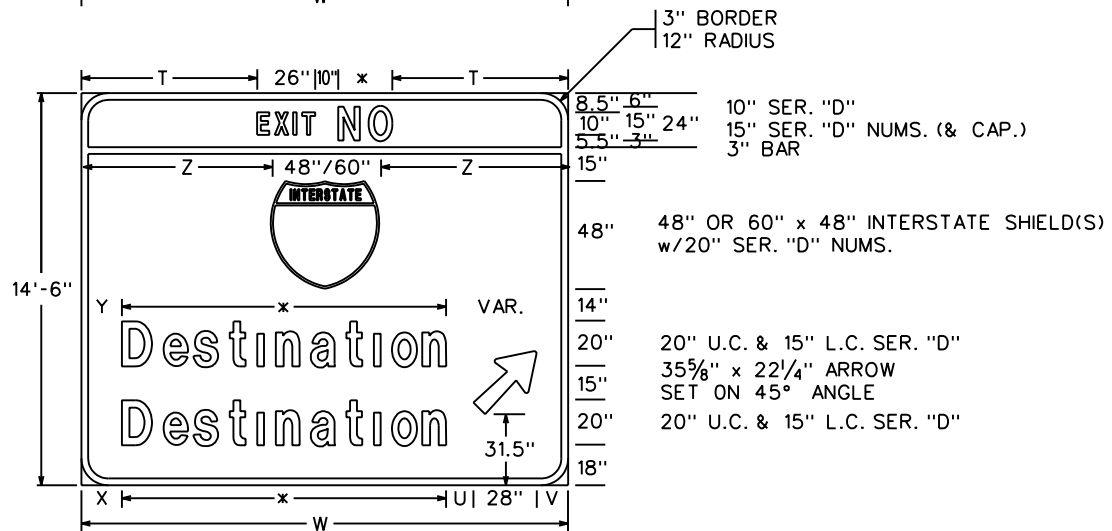
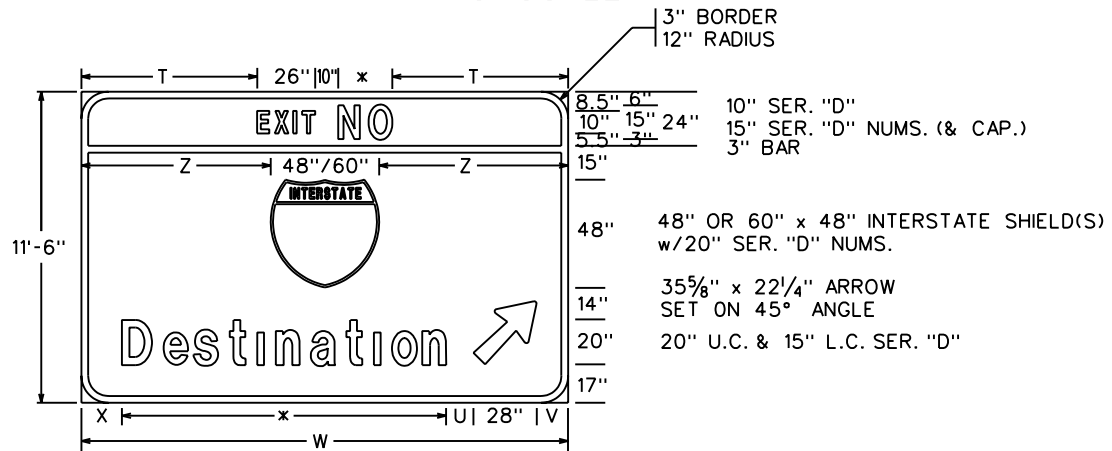
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY

SIGN TEMPLATE 10

DETAILS OF EXIT DIRECTION SIGNS

- NO SCALE -



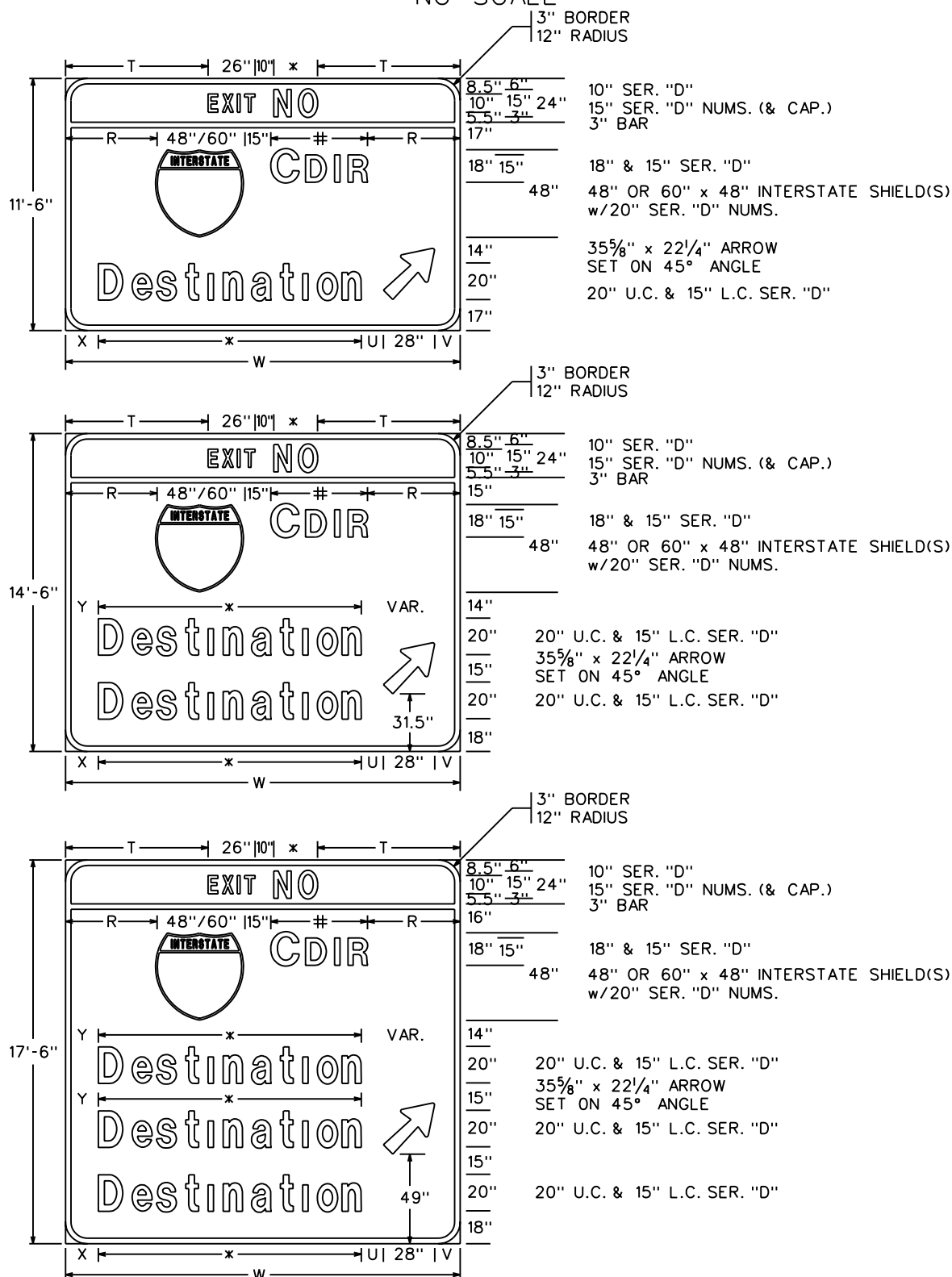
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 11

DETAILS OF EXIT DIRECTION SIGNS

- NO SCALE -



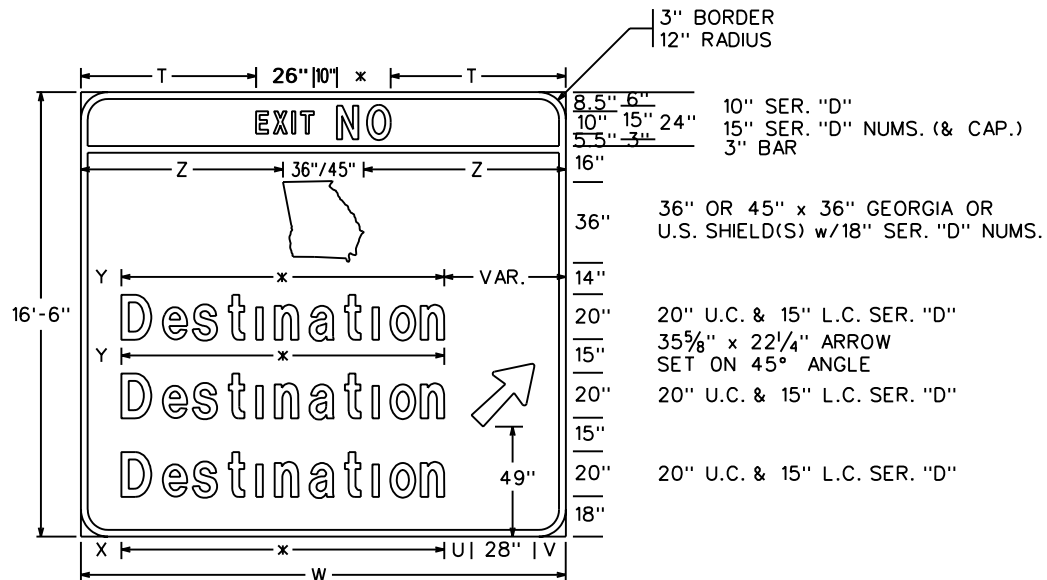
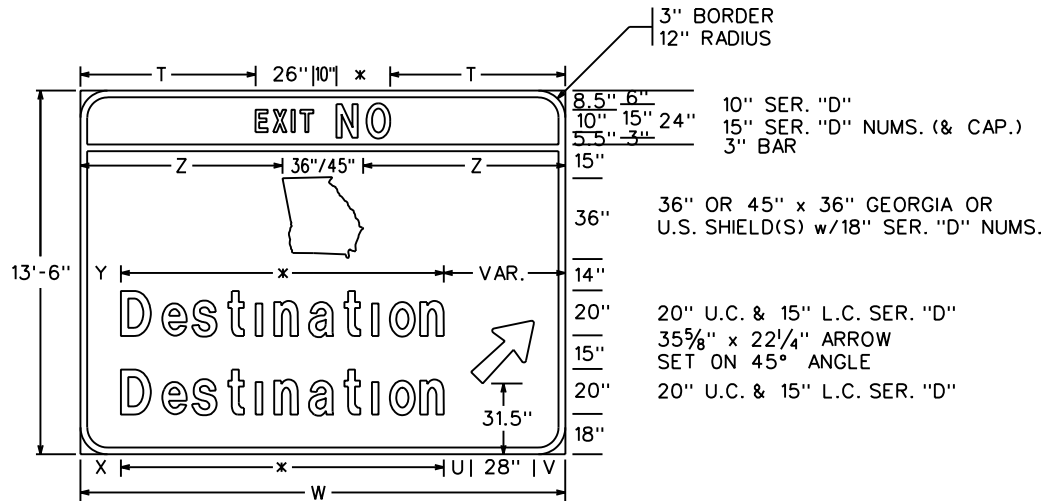
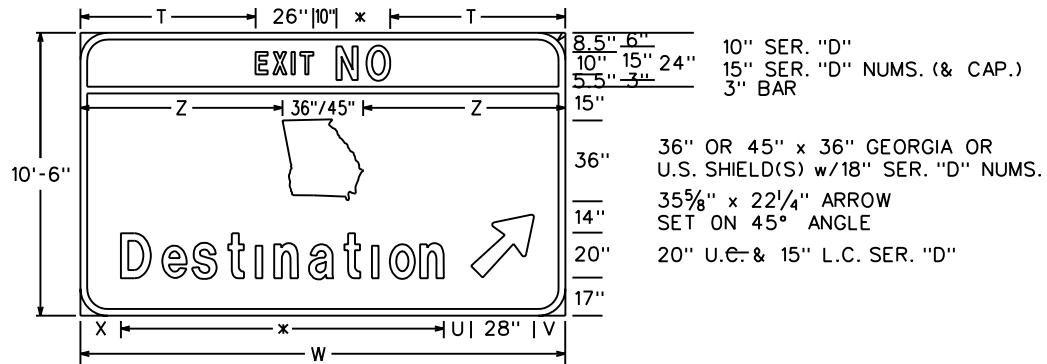
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY

SIGN TEMPLATE 12

DETAILS OF EXIT DIRECTION SIGNS

- NO SCALE - 3" BORDER
12" RADIUS



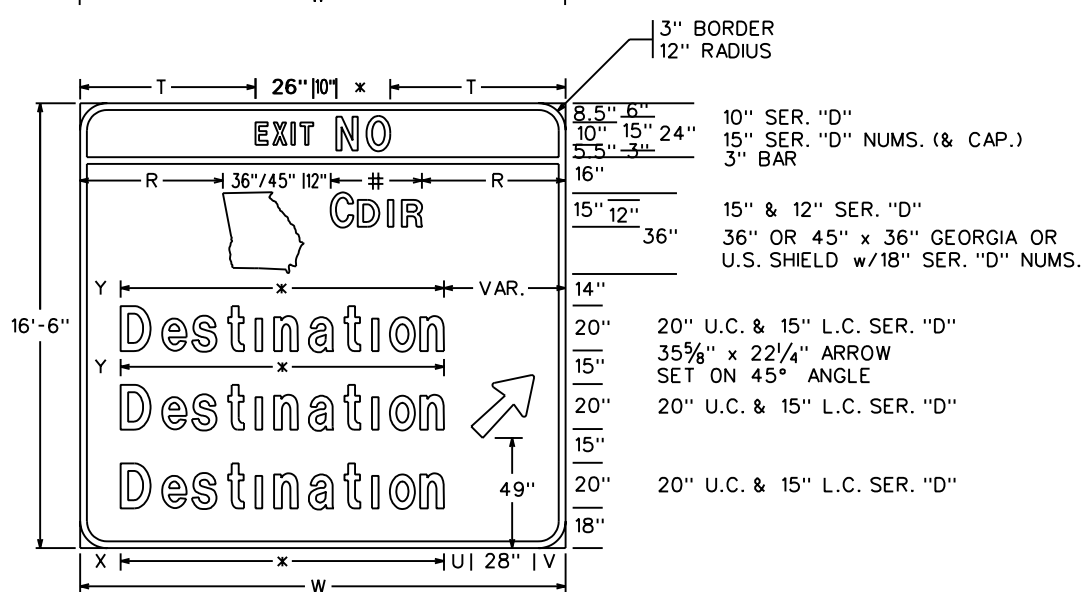
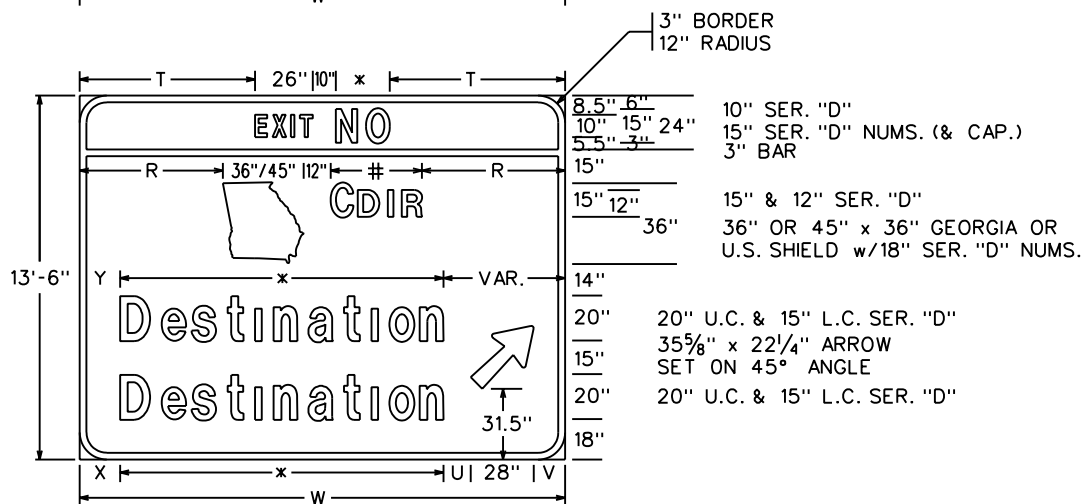
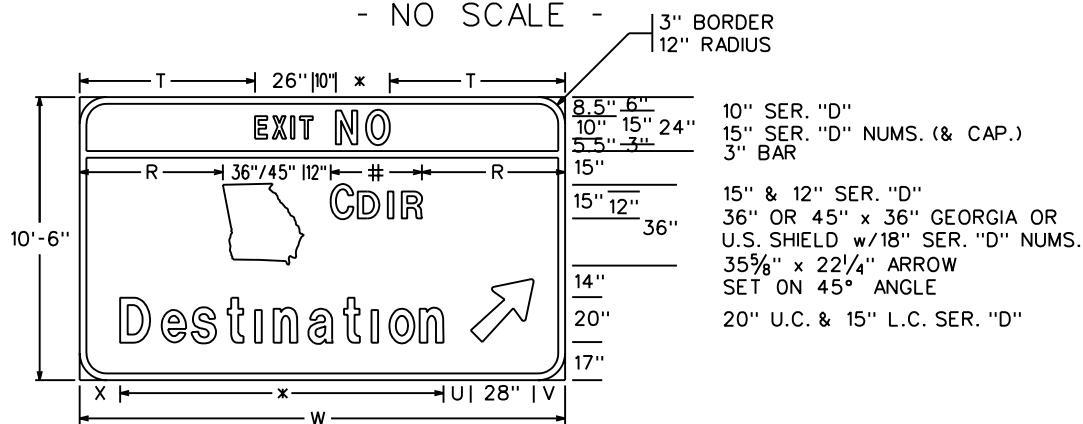
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 13

DETAILS OF EXIT DIRECTION SIGNS

- NO SCALE -



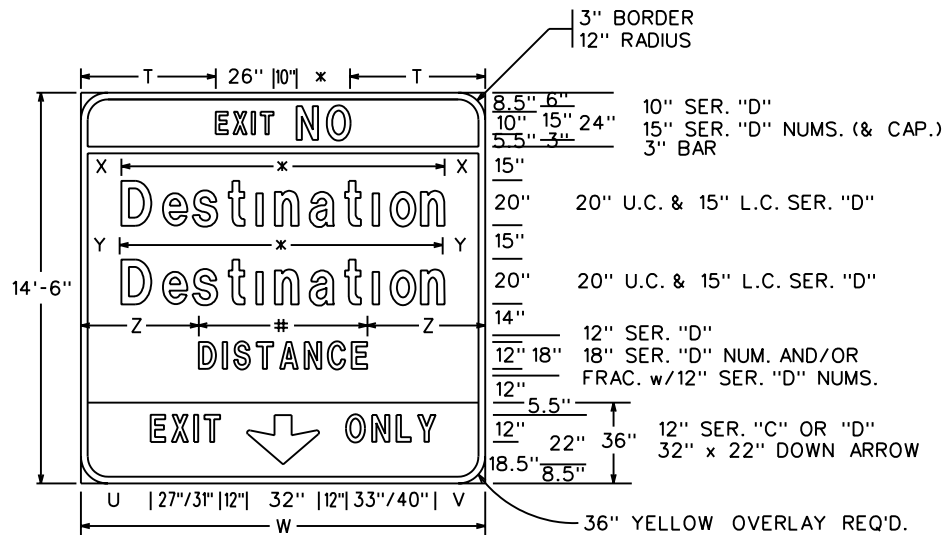
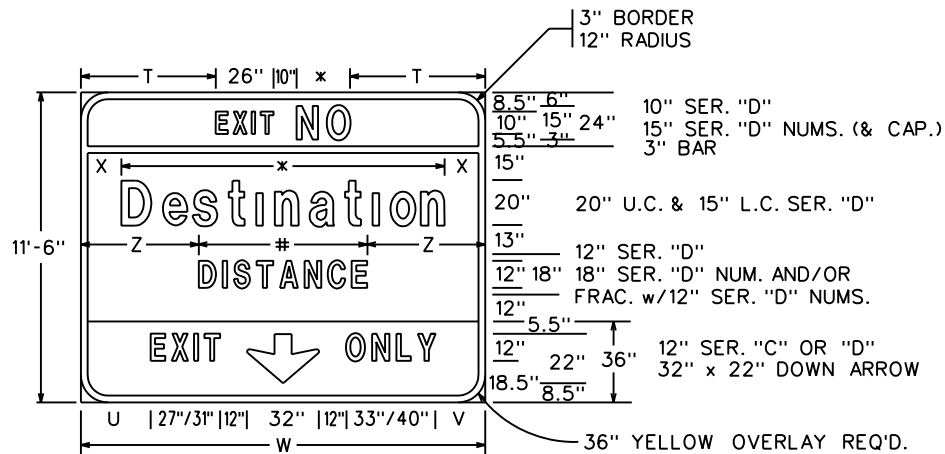
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY

SIGN TEMPLATE 14

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



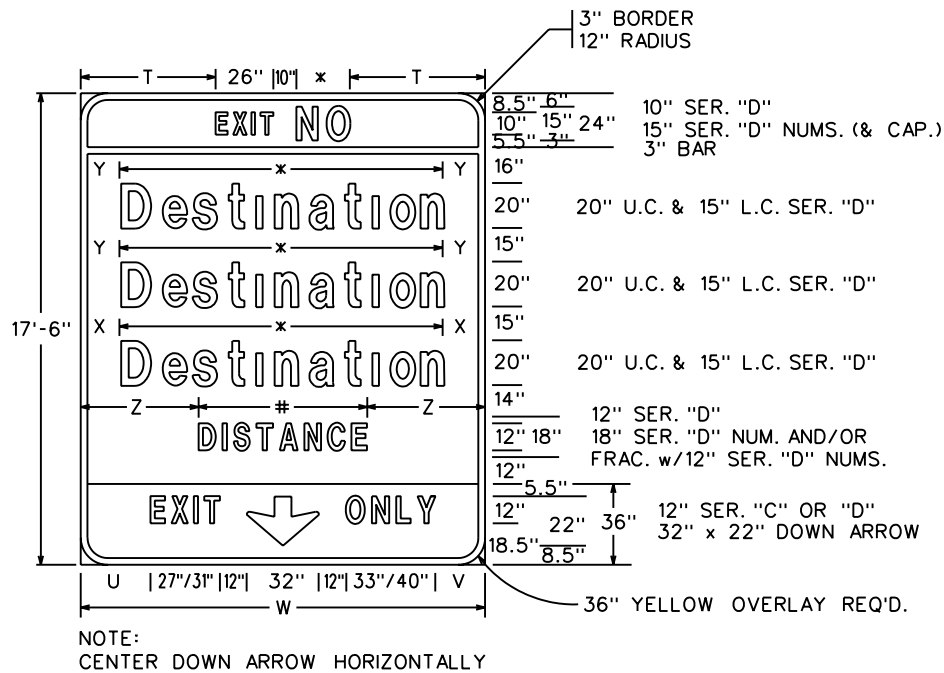
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 15

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



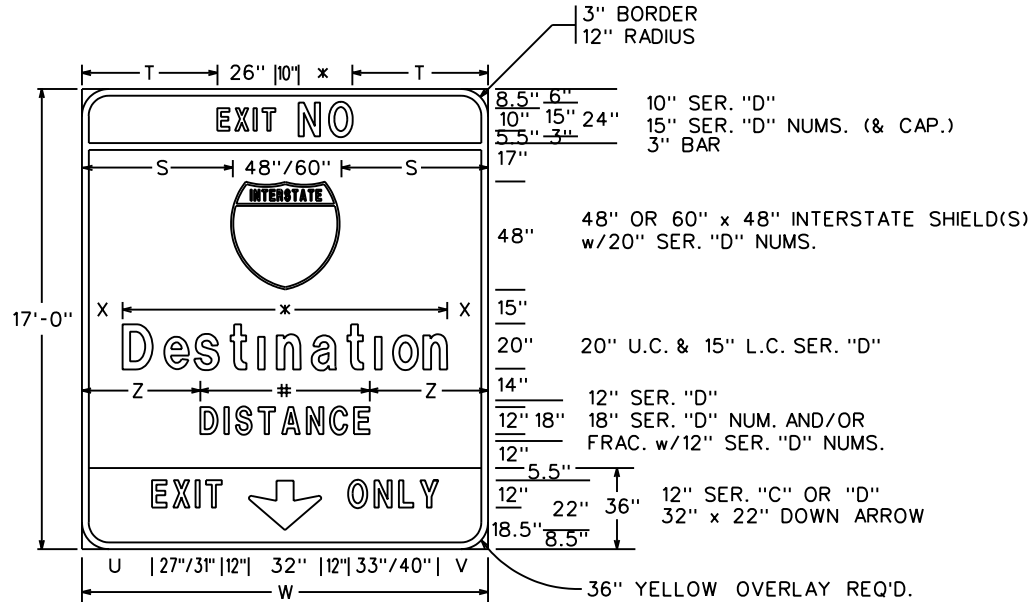
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

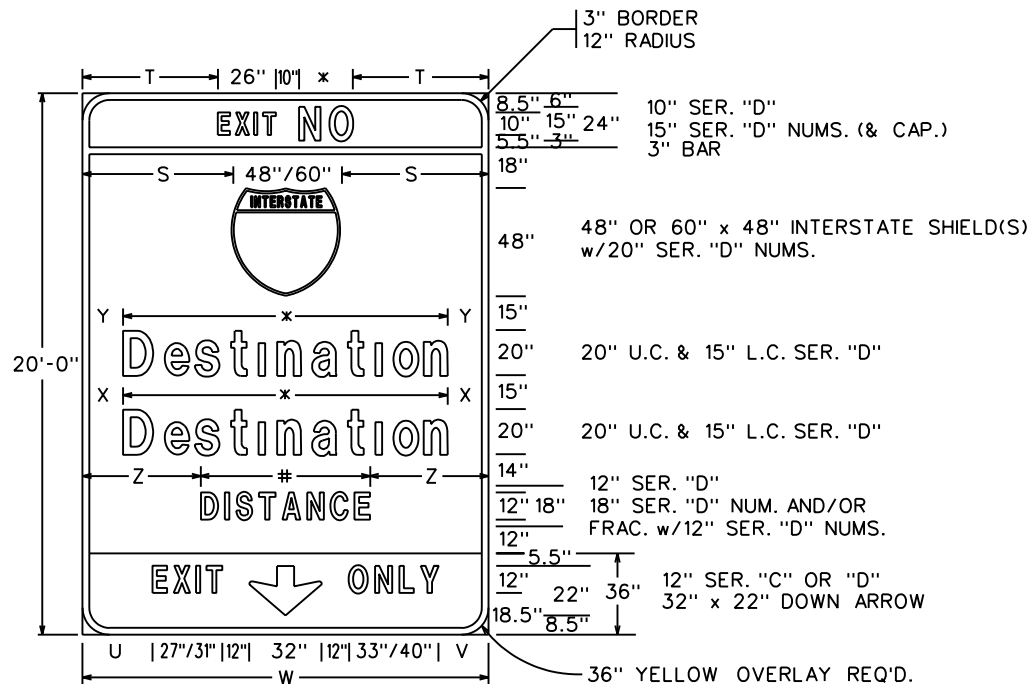
SIGN TEMPLATE 16

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



NOTE:
CENTER DOWN ARROW HORIZONTALLY



NOTE:
CENTER DOWN ARROW HORIZONTALLY

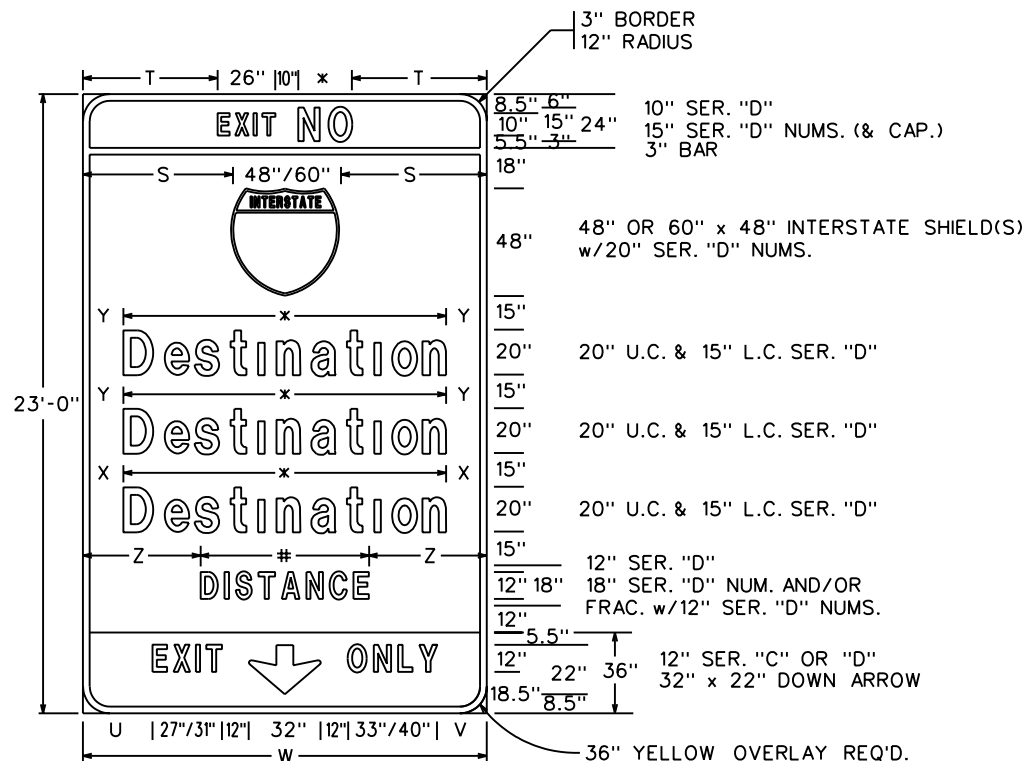
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- S DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 17

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



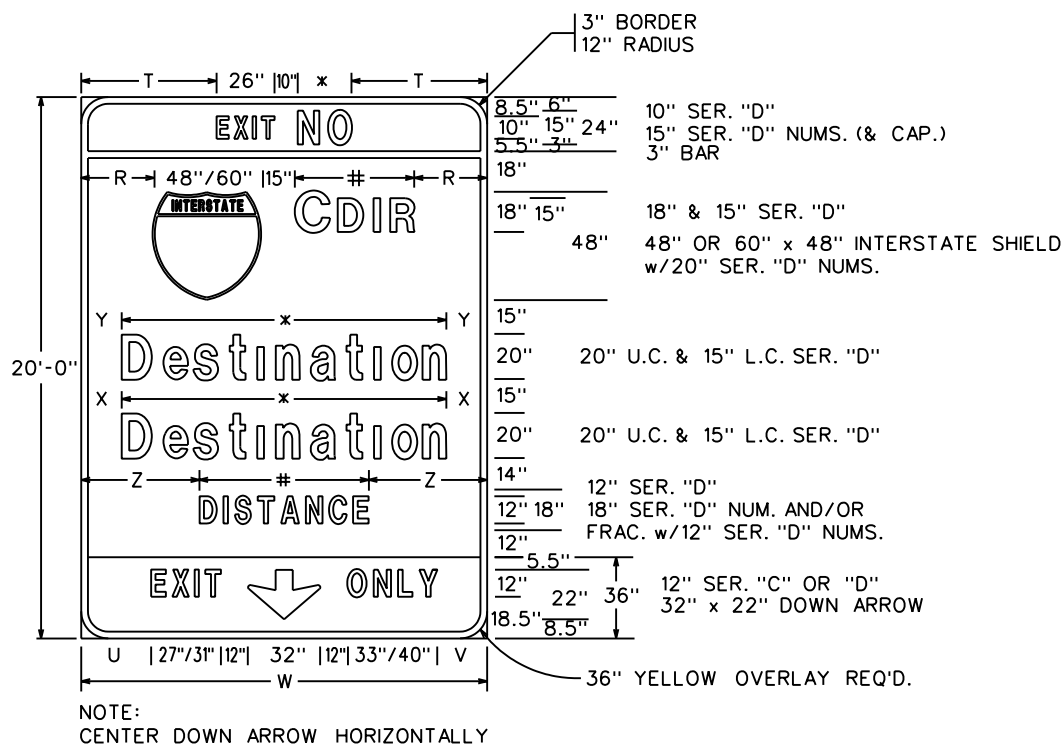
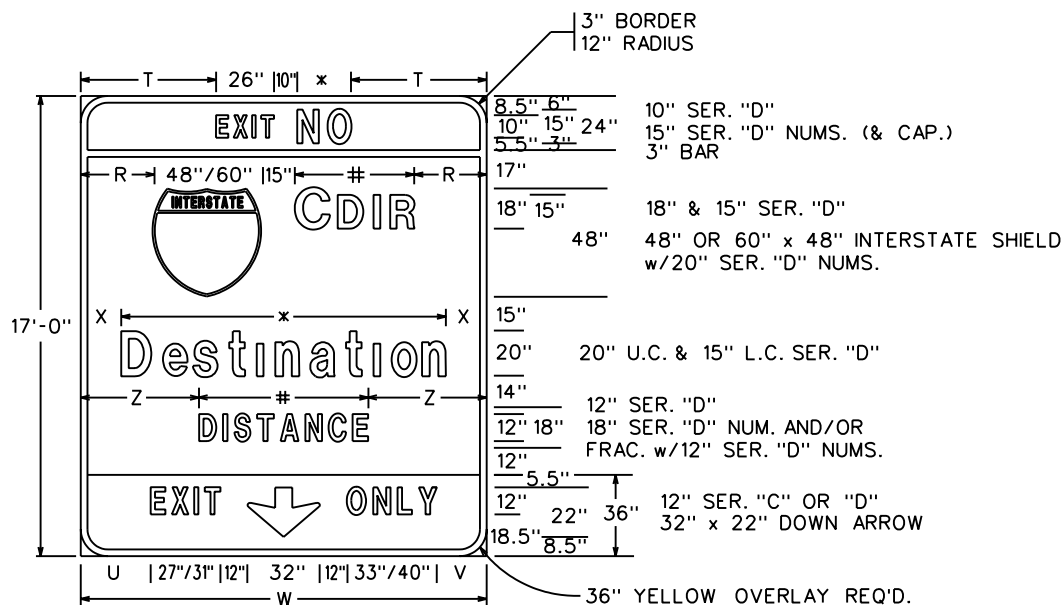
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- S DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 18

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



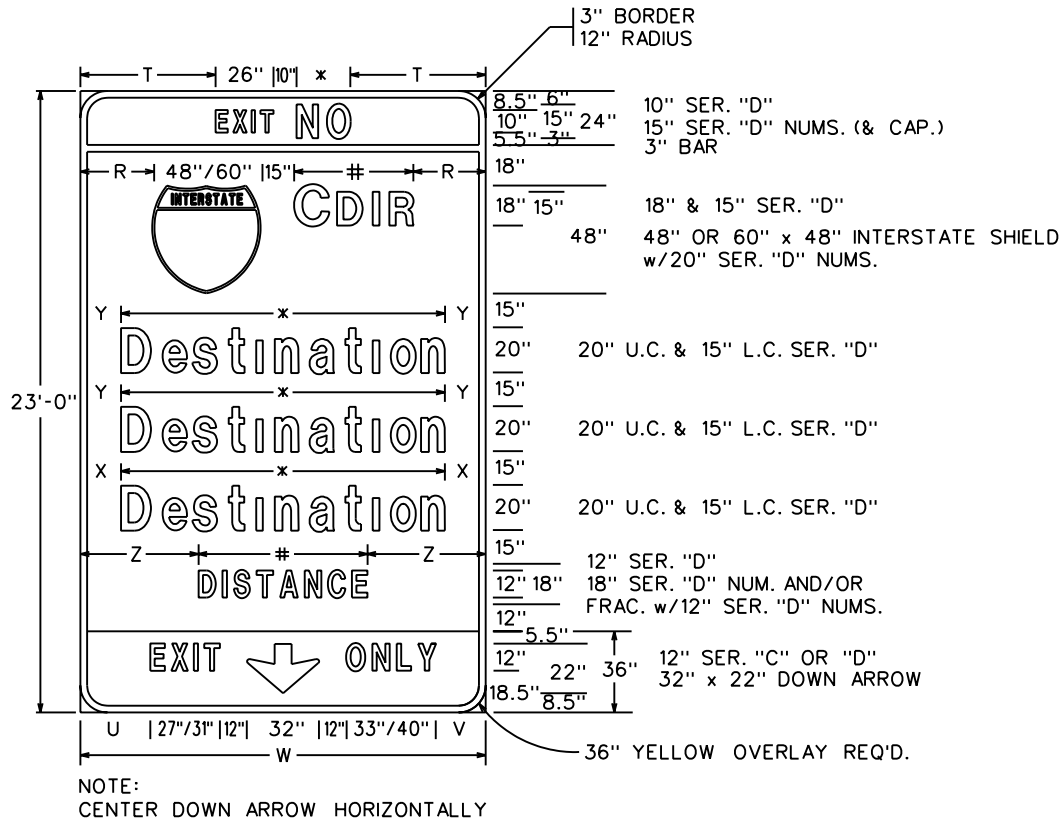
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- V VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 19

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

- NO SCALE -



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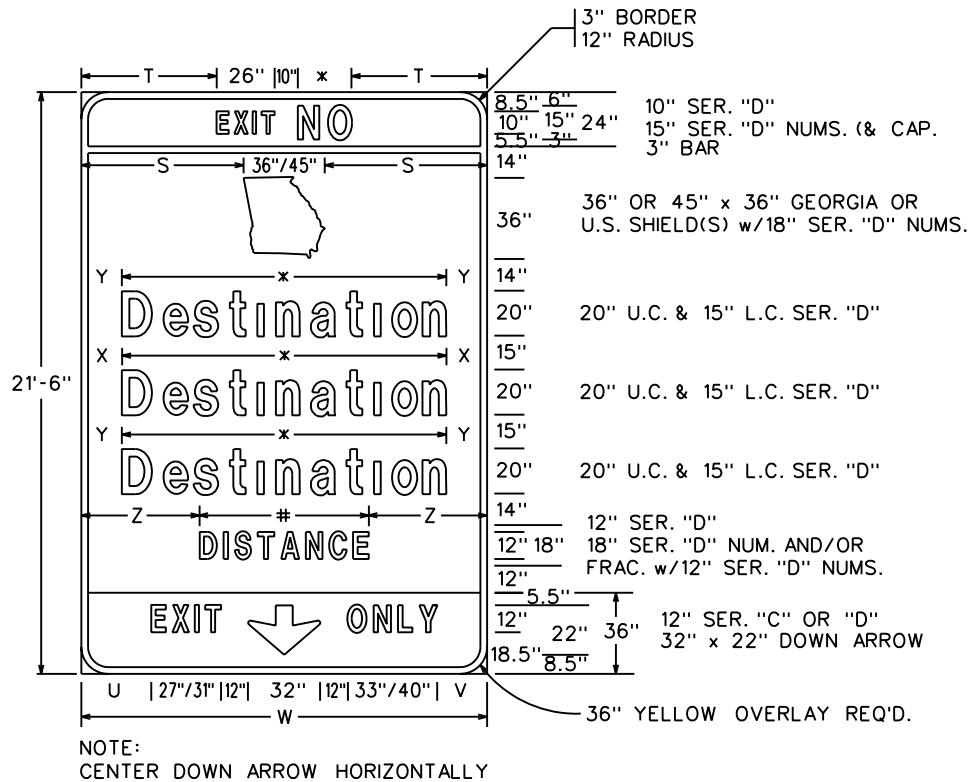
* DETERMINED BY LEGEND ANALYSIS PROGRAM
# SEE CHART FOR COMMON LEGENDS
S DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
U VARIABLE, DETERMINED BY VALUE OF "V"
V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
W SIGN WIDTH (FEET & INCHES)
X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
Y DETERMINED BY CENTERING LEGEND
Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

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SIGN TEMPLATE 21

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



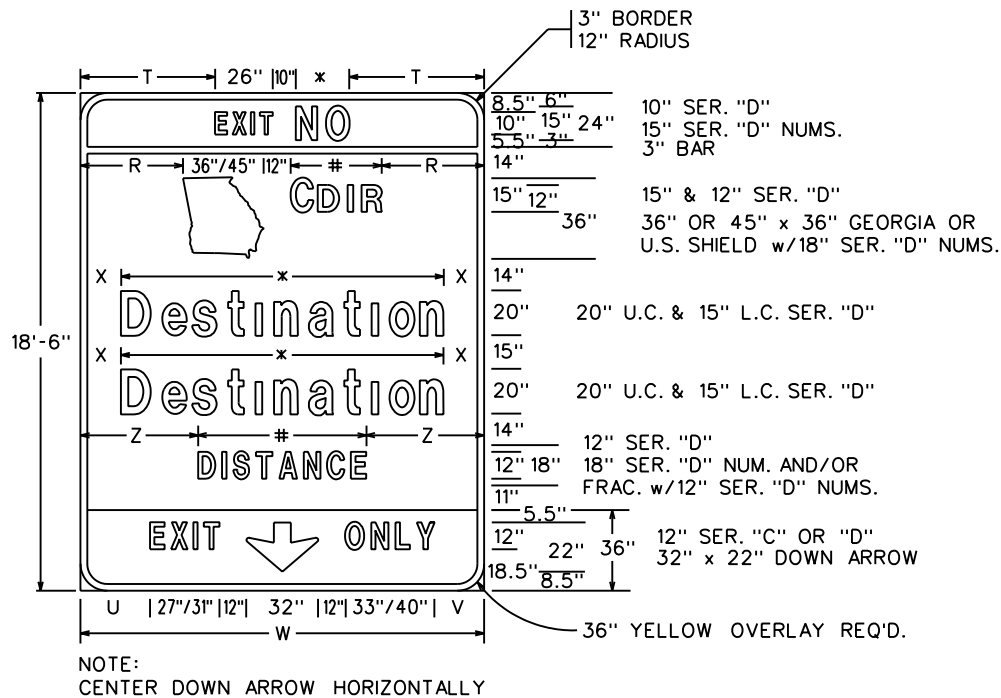
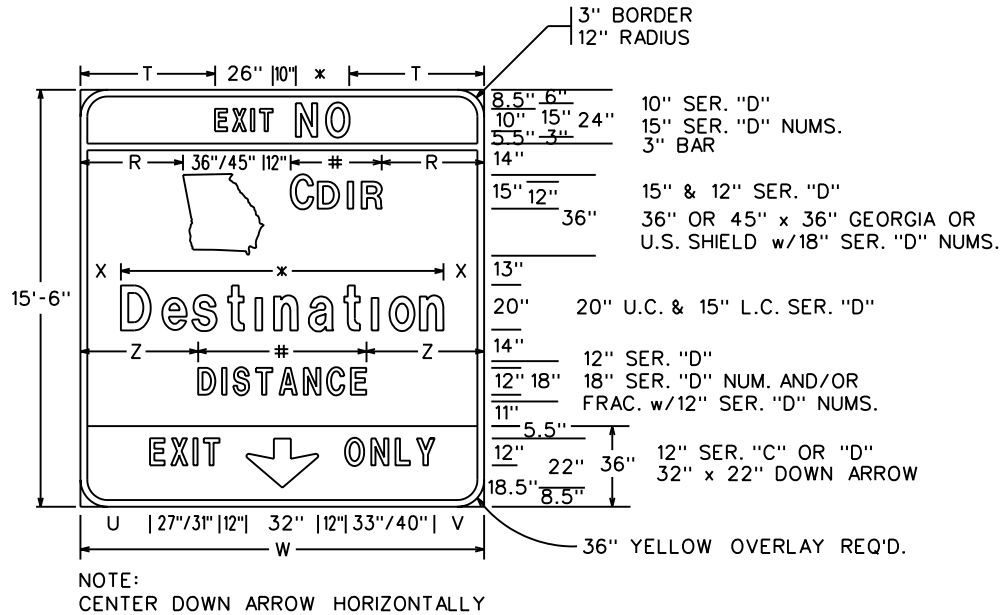
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- S DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 22

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



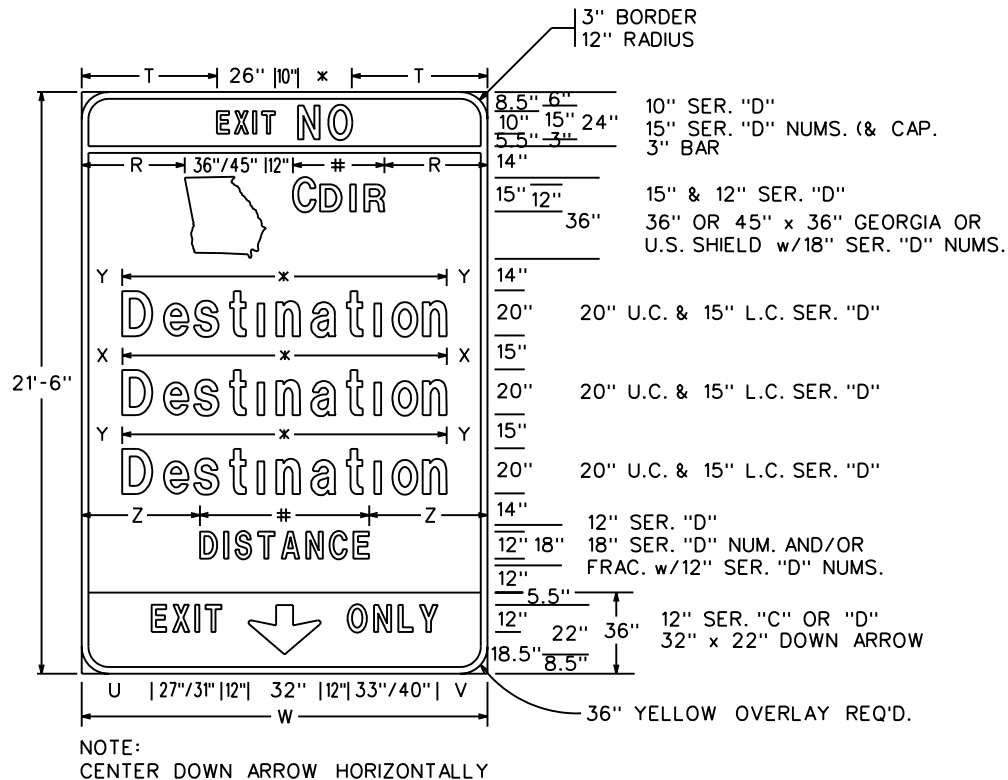
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 23

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



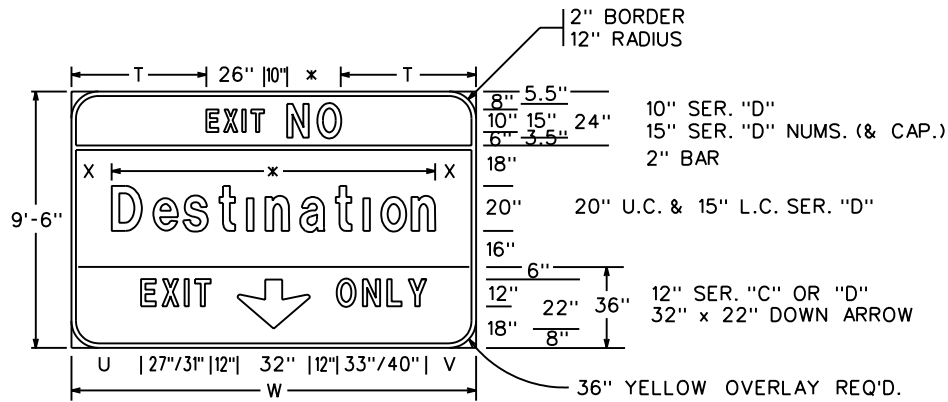
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

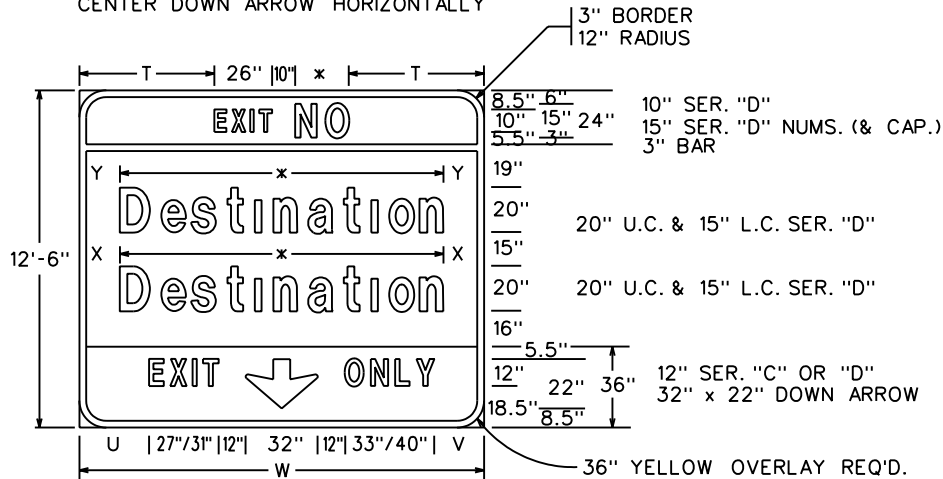
SIGN TEMPLATE 24

DETAILS OF INTERMEDIATE LANE DROP SIGNS

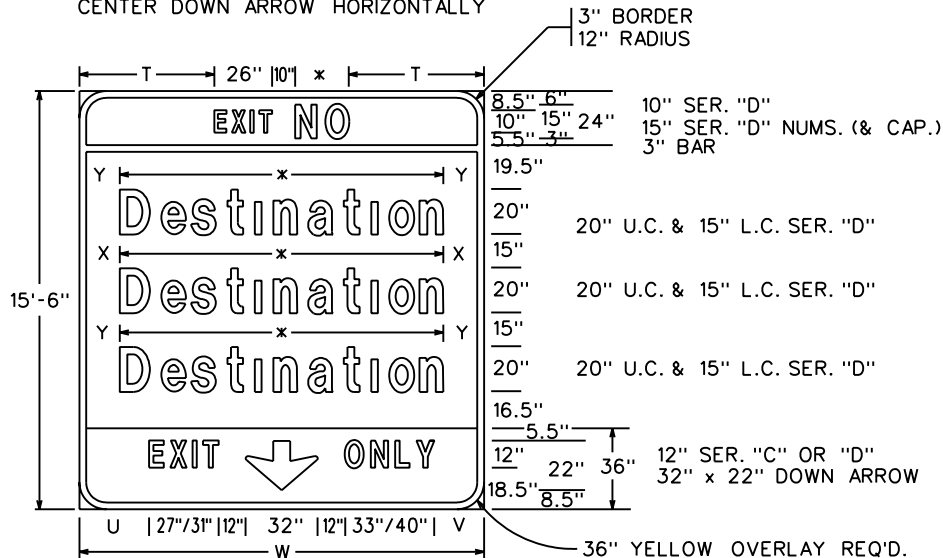
- NO SCALE -



NOTE:
CENTER DOWN ARROW HORIZONTALLY



NOTE:
CENTER DOWN ARROW HORIZONTALLY



NOTE:
CENTER DOWN ARROW HORIZONTALLY

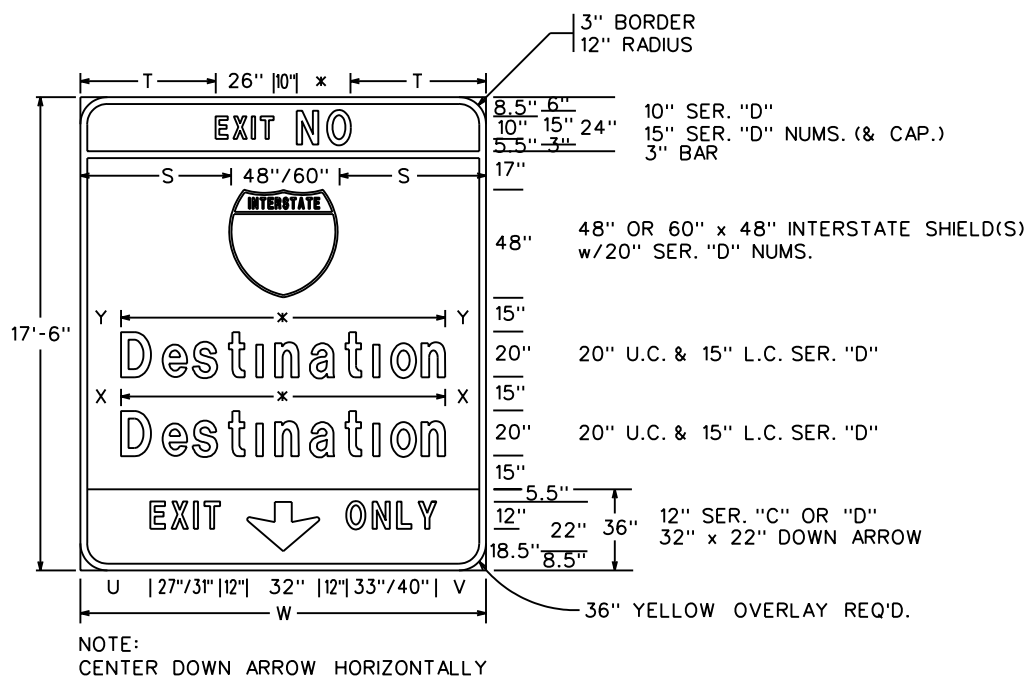
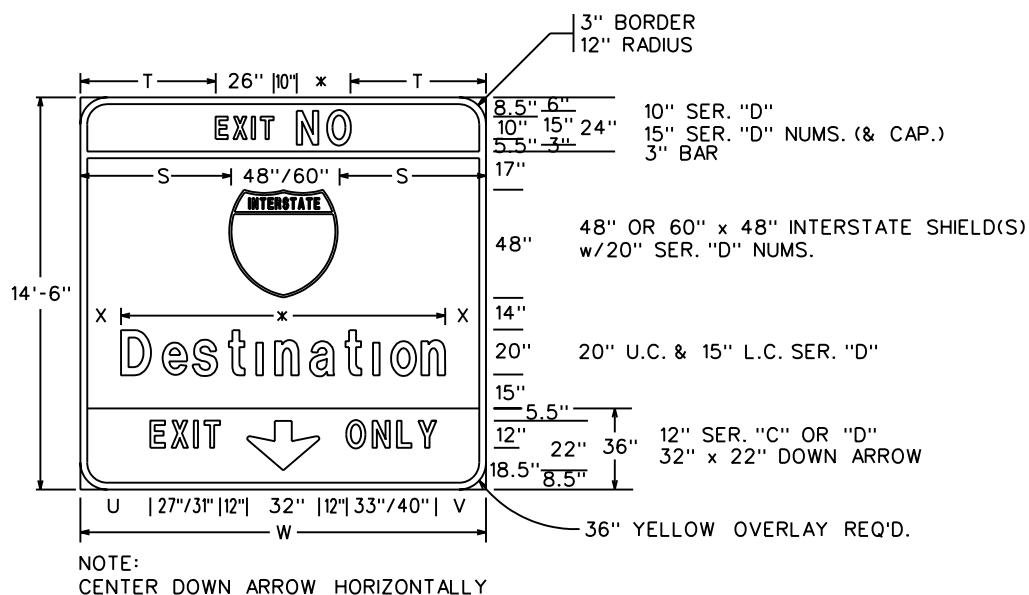
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY

SIGN TEMPLATE 25

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



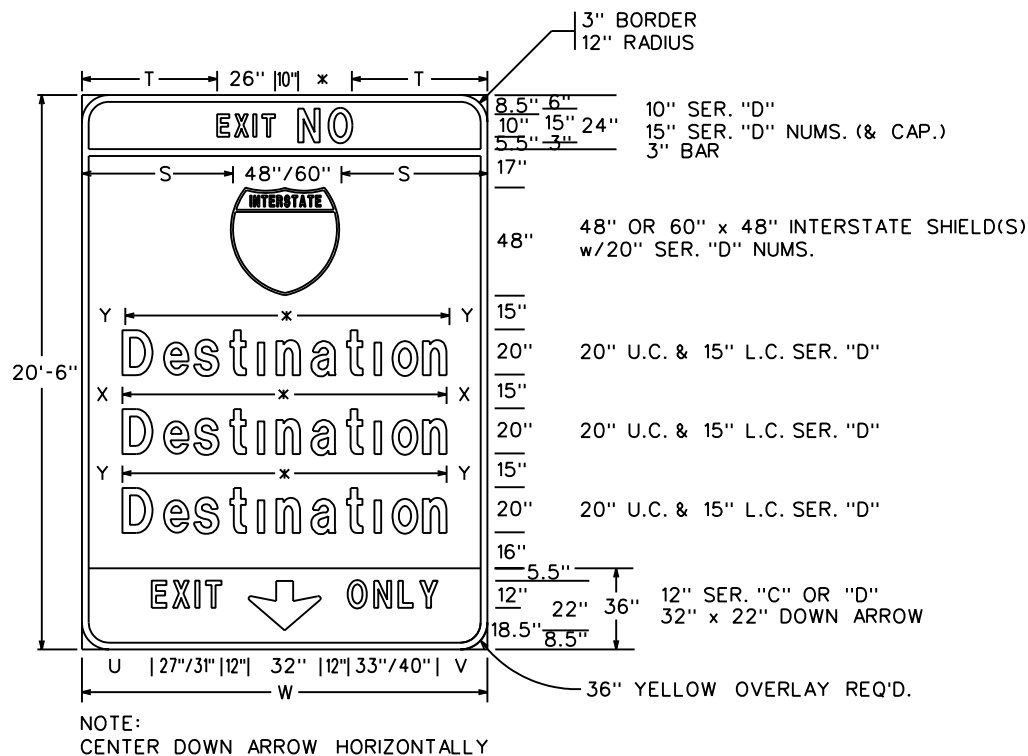
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- S DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND

SIGN TEMPLATE 26

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



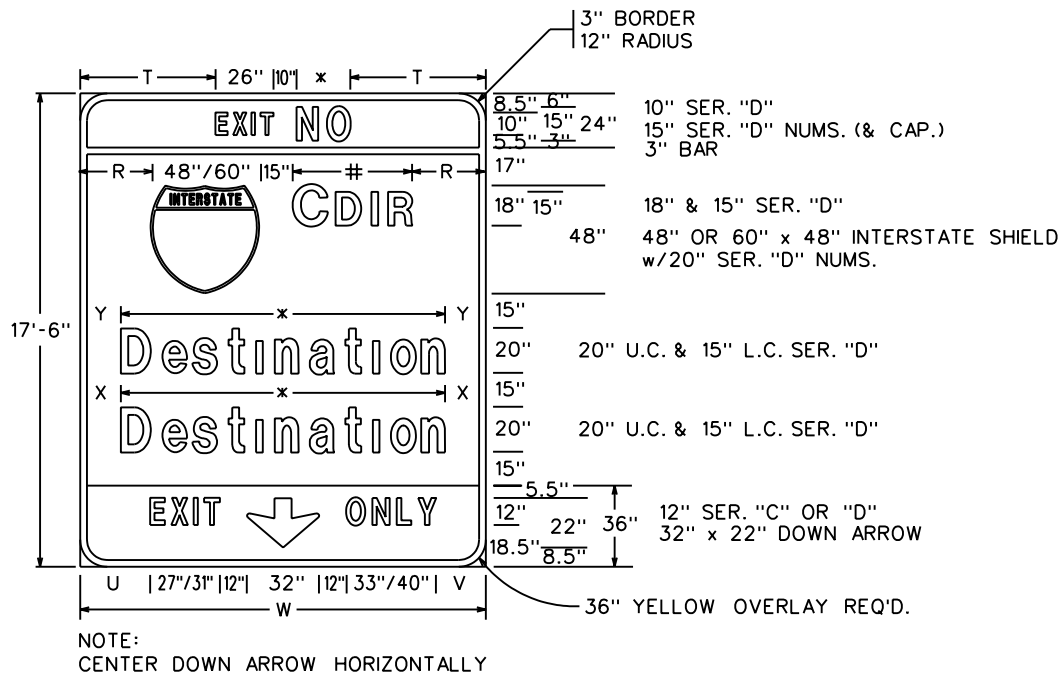
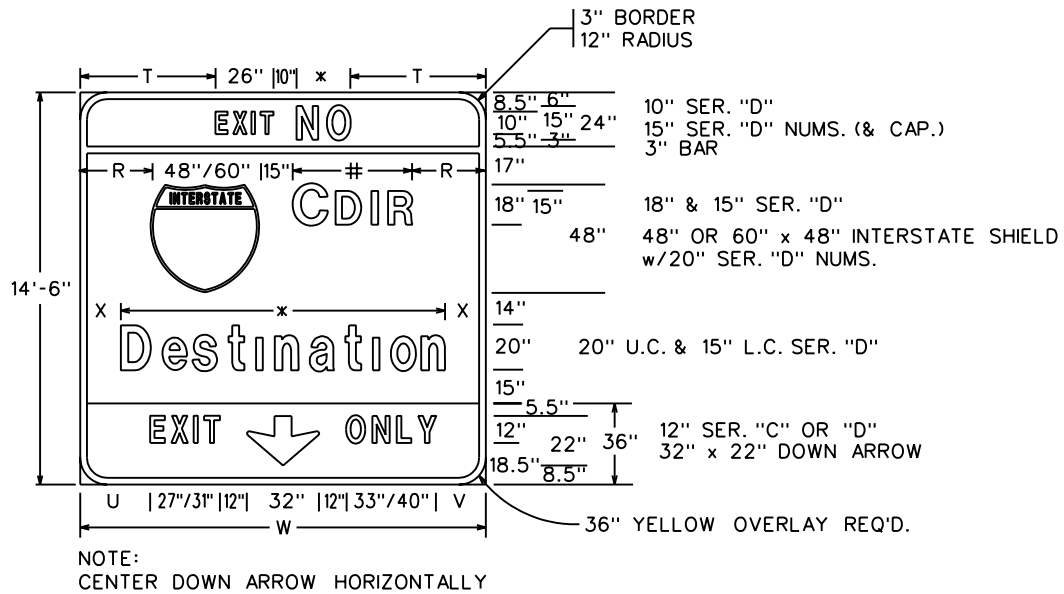
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- S DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND

SIGN TEMPLATE 27

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



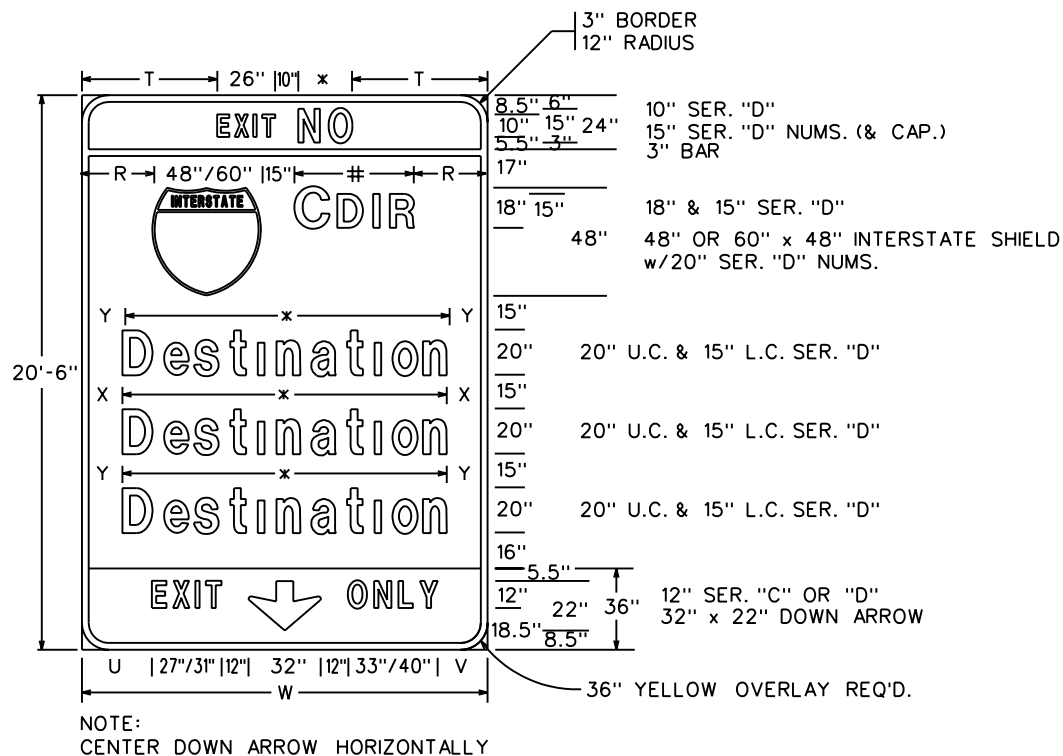
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND

SIGN TEMPLATE 28

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



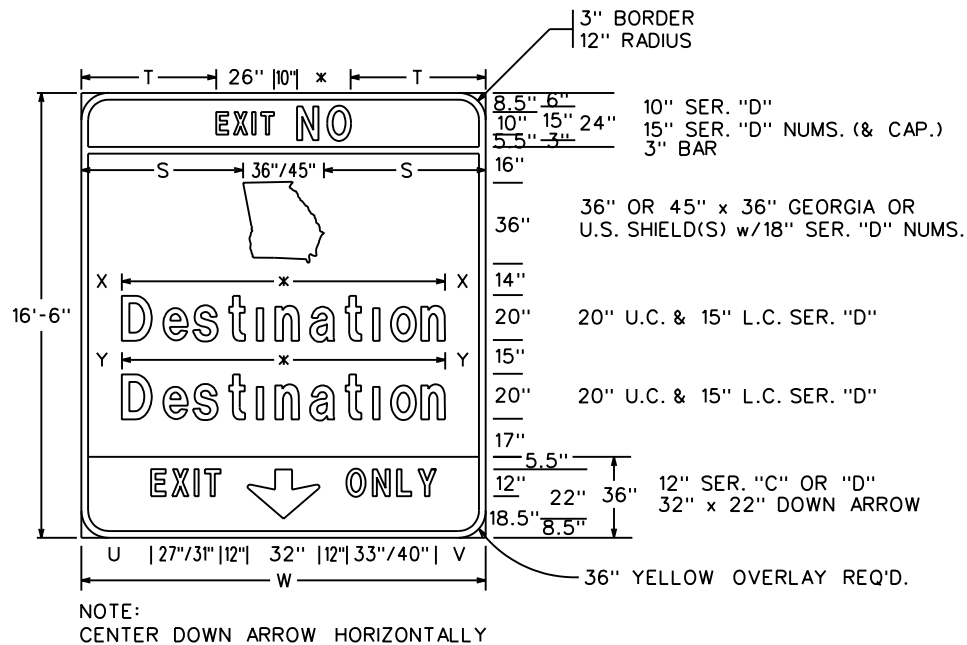
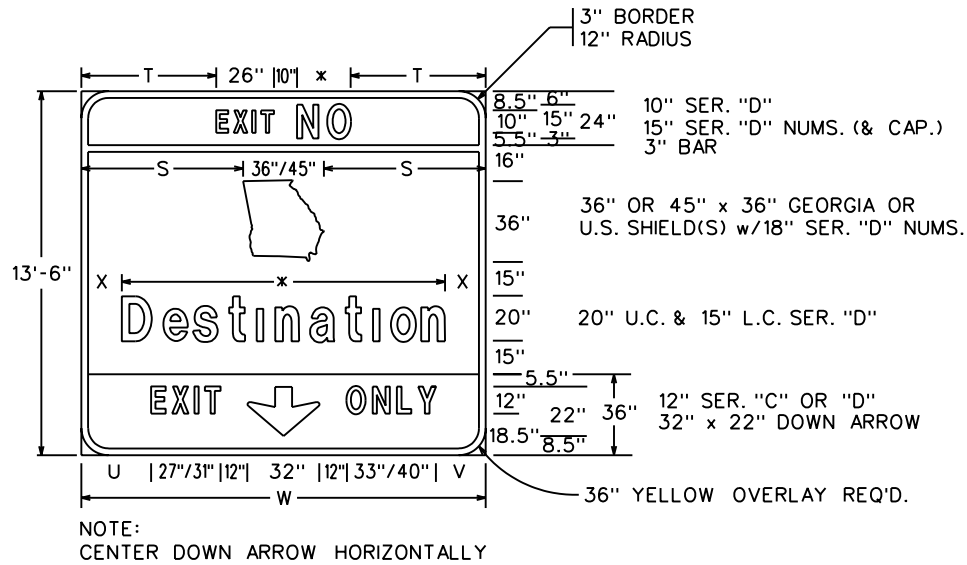
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND

SIGN TEMPLATE 29

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



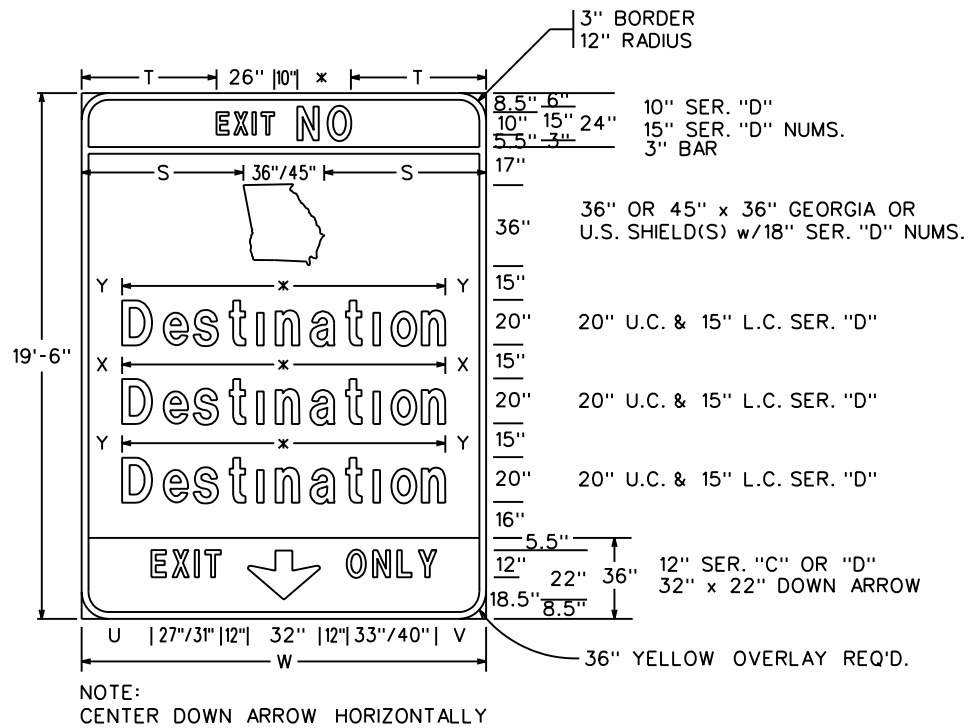
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- S DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND

SIGN TEMPLATE 30

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



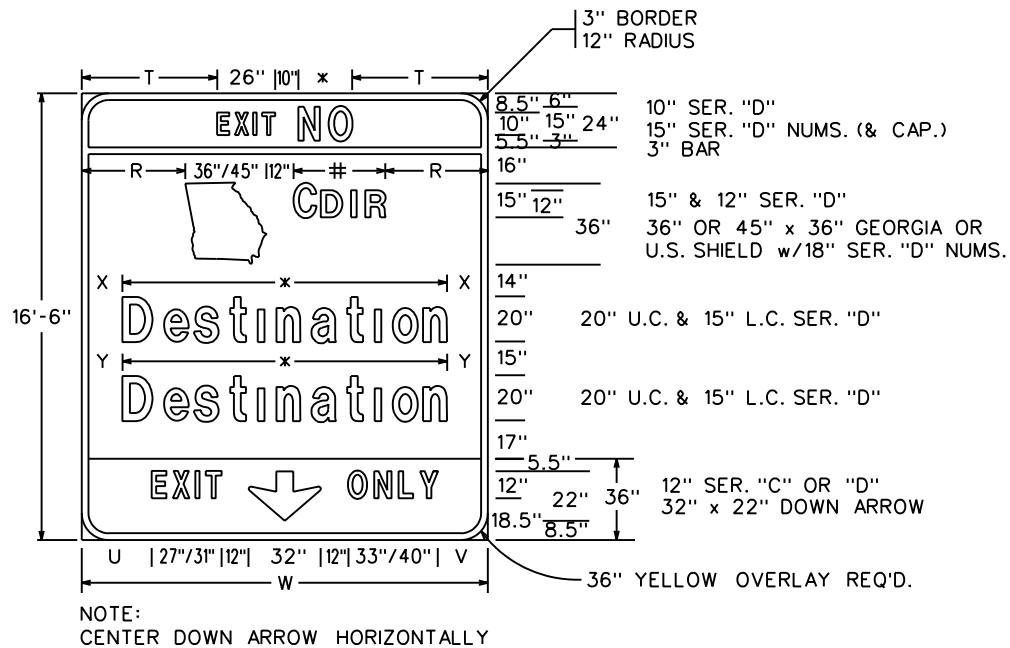
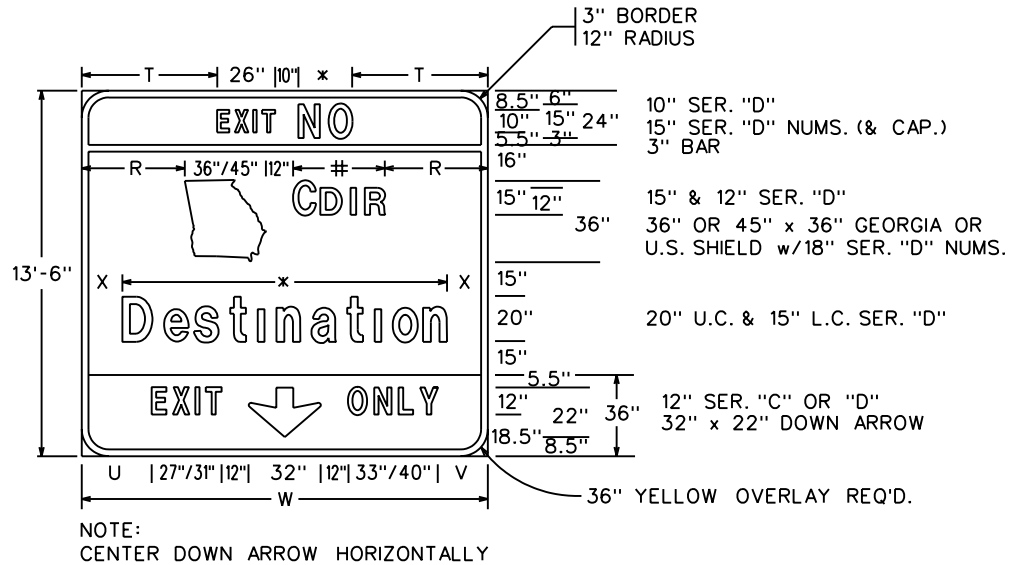
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- S DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND

SIGN TEMPLATE 31

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



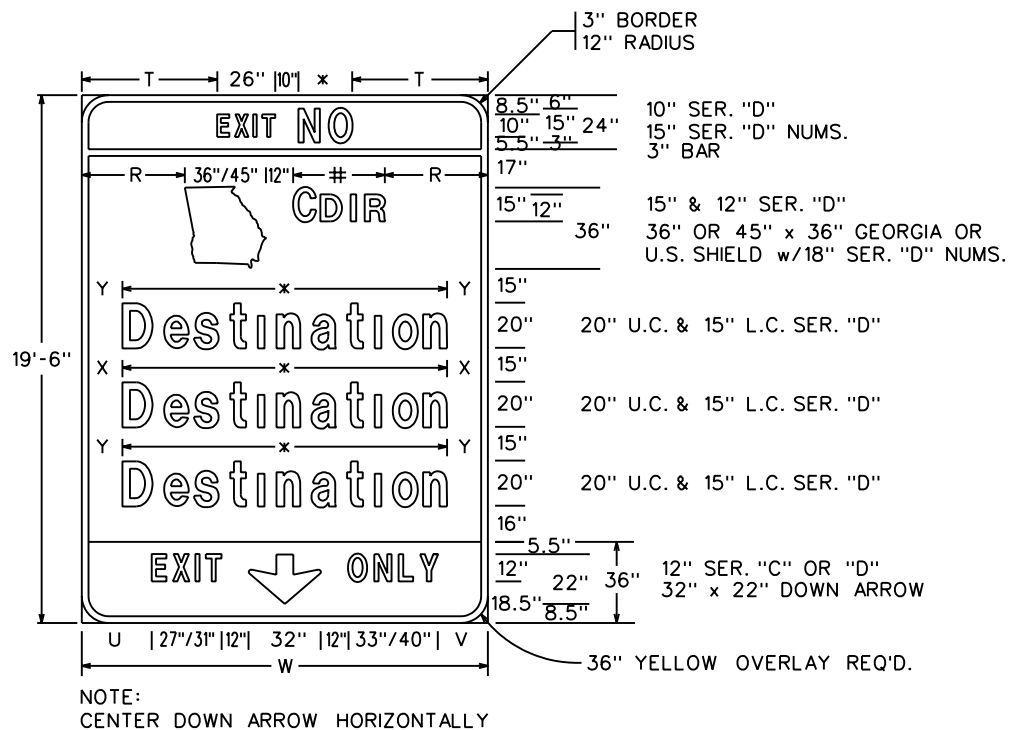
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND

SIGN TEMPLATE 32

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



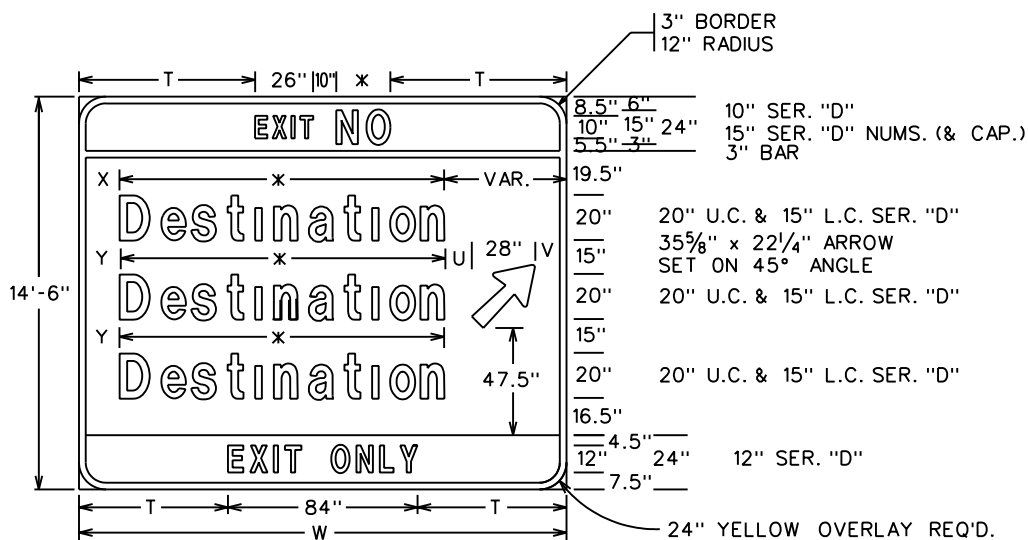
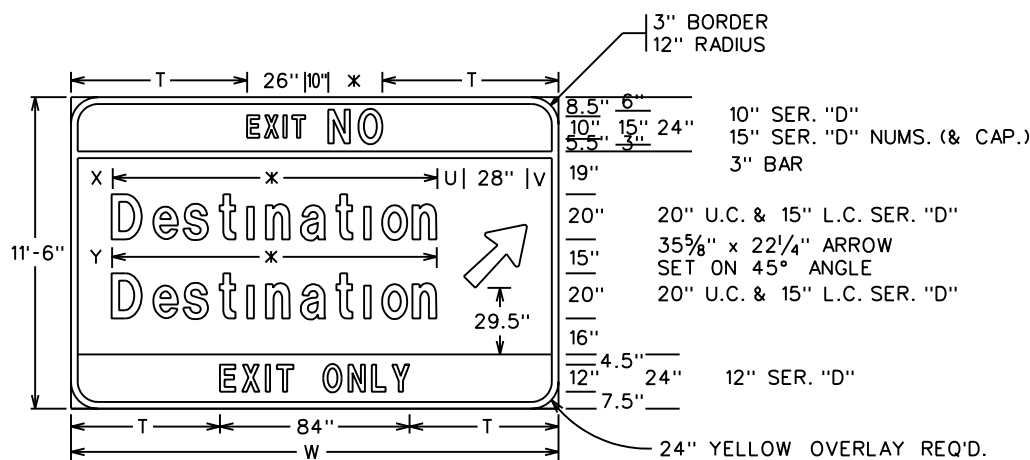
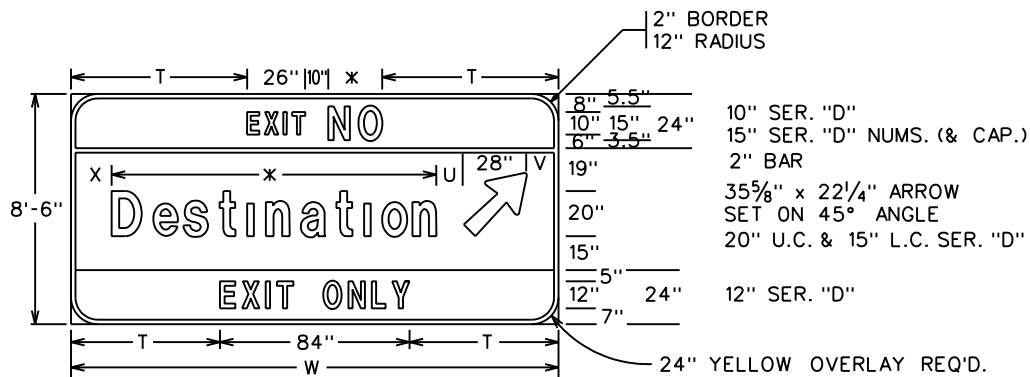
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, DETERMINED BY VALUE OF "V"
- V VARIABLE, 11" MINIMUM (SER. "C"), 10" MINIMUM (SER. "D")
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND

SIGN TEMPLATE 33

DETAILS OF EXIT DIRECTION (LANE DROP) SIGNS

- NO SCALE -

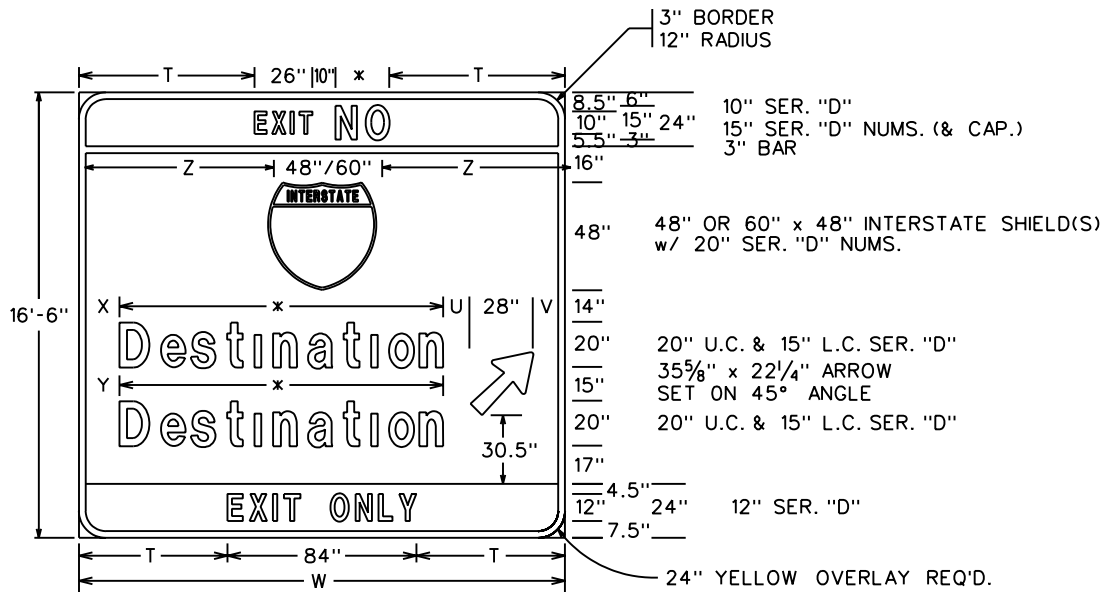
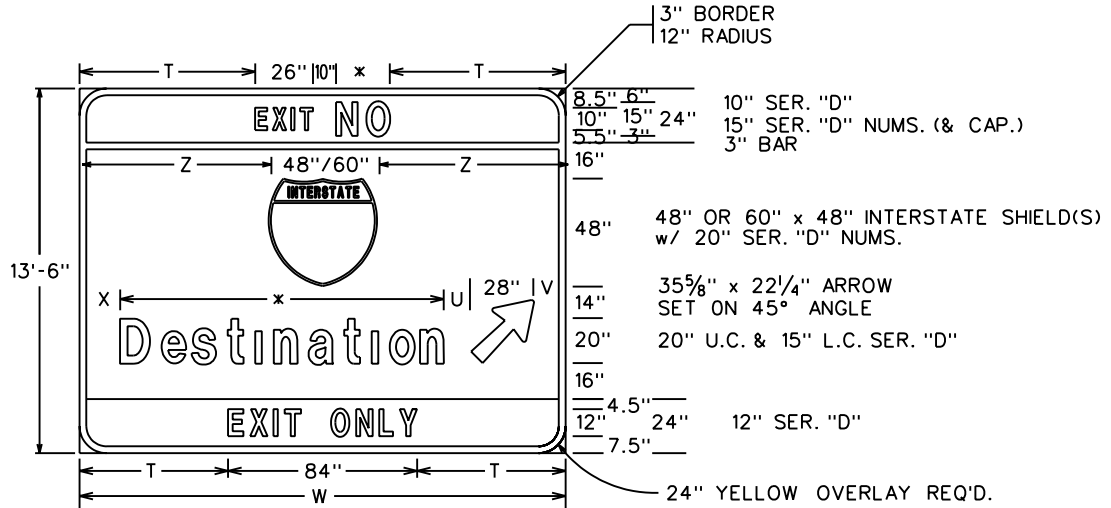


LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY

SIGN TEMPLATE 34 DETAILS OF EXIT DIRECTION (LANE DROP) SIGNS

- NO SCALE -



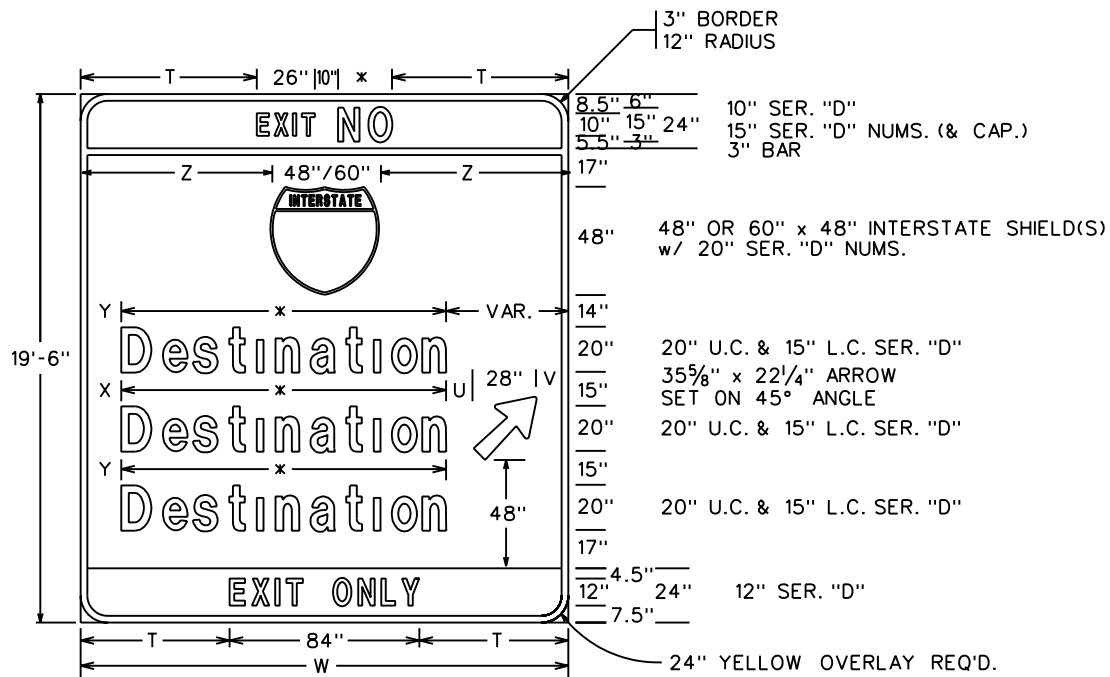
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 35

DETAILS OF EXIT DIRECTION (LANE DROP) SIGNS

- NO SCALE -



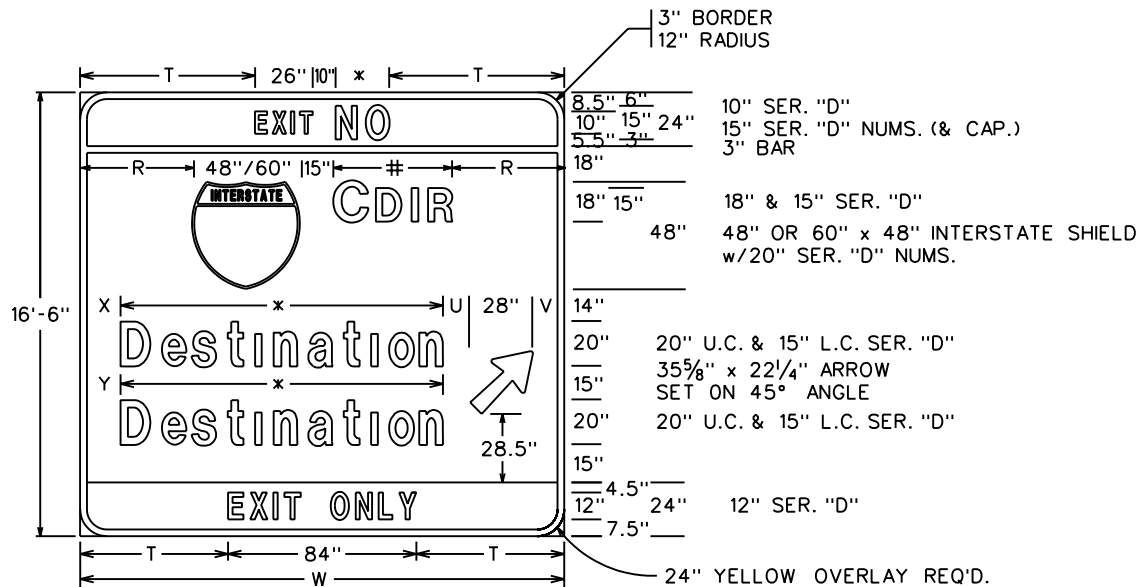
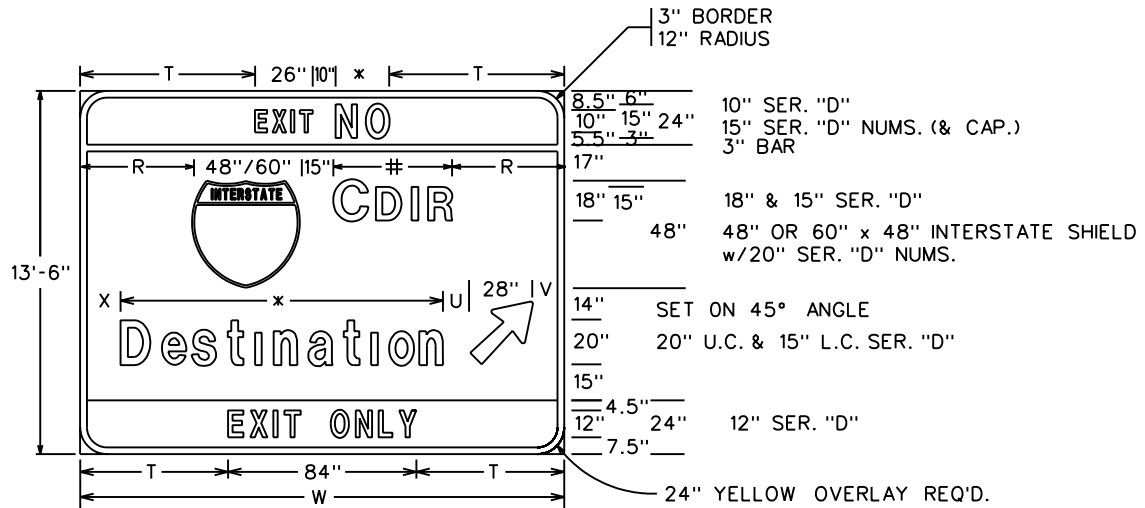
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 36

DETAILS OF EXIT DIRECTION (LANE DROP) SIGNS

- NO SCALE -



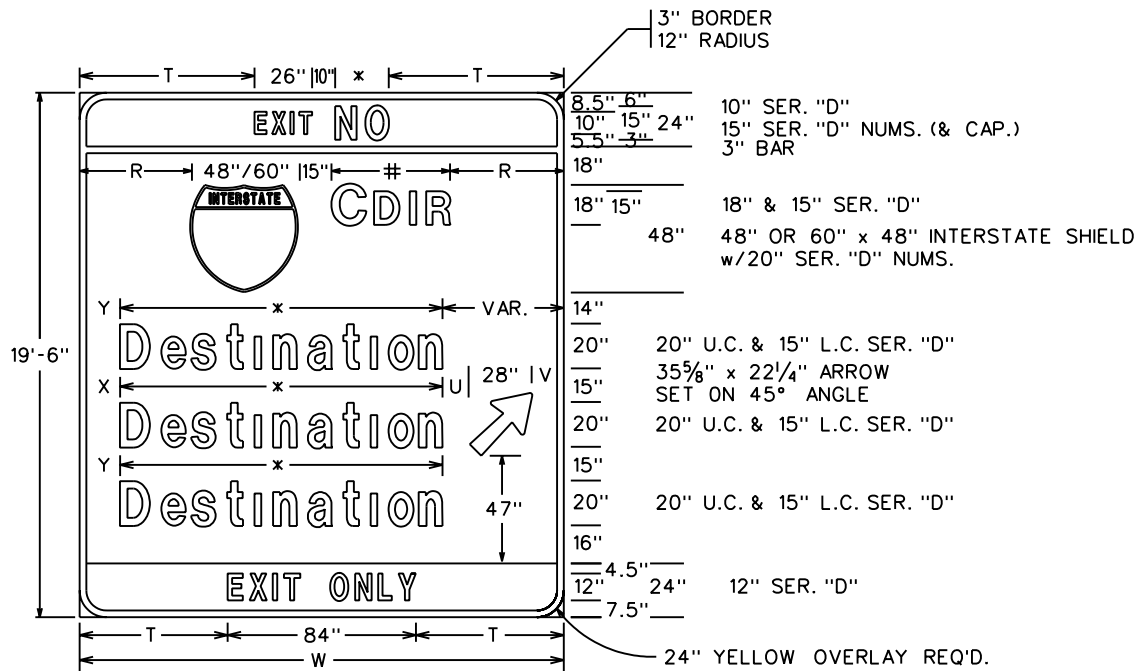
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z DETERMINED BY CENTERING SHIELD

SIGN TEMPLATE 37

DETAILS OF EXIT DIRECTION (LANE DROP) SIGNS

- NO SCALE -



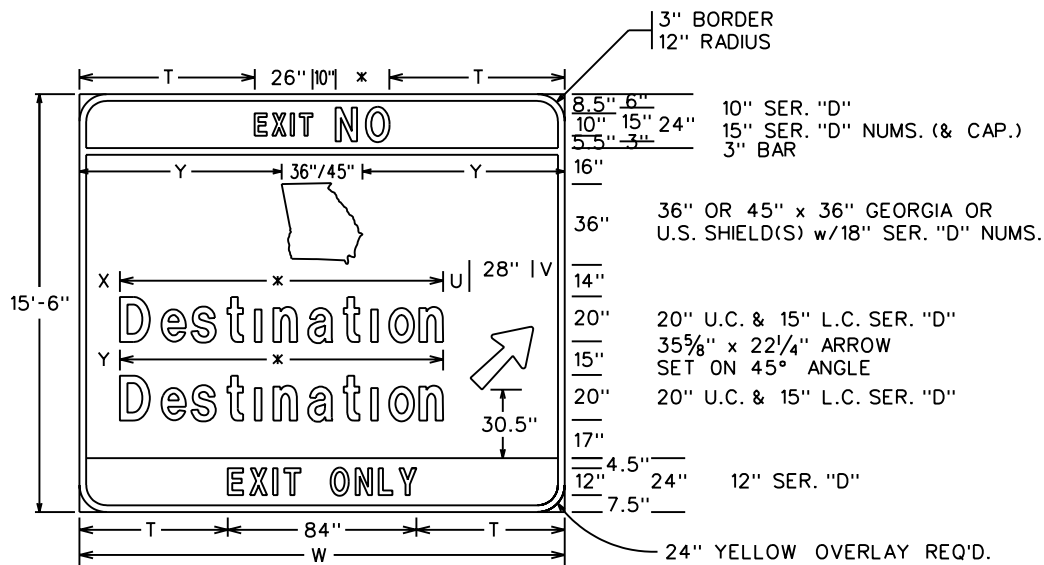
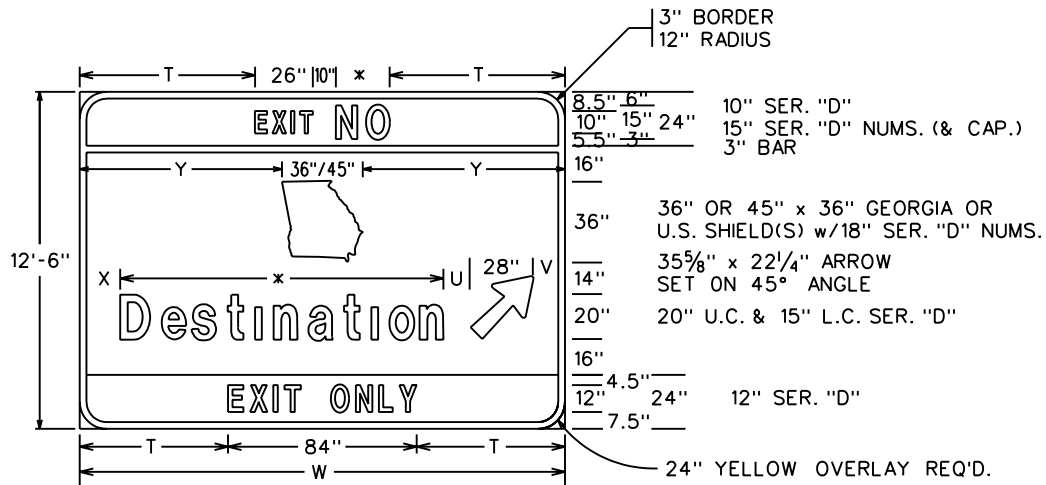
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z DETERMINED BY CENTERING SHIELD

SIGN TEMPLATE 38

DETAILS OF EXIT DIRECTION (LANE DROP) SIGNS

- NO SCALE -



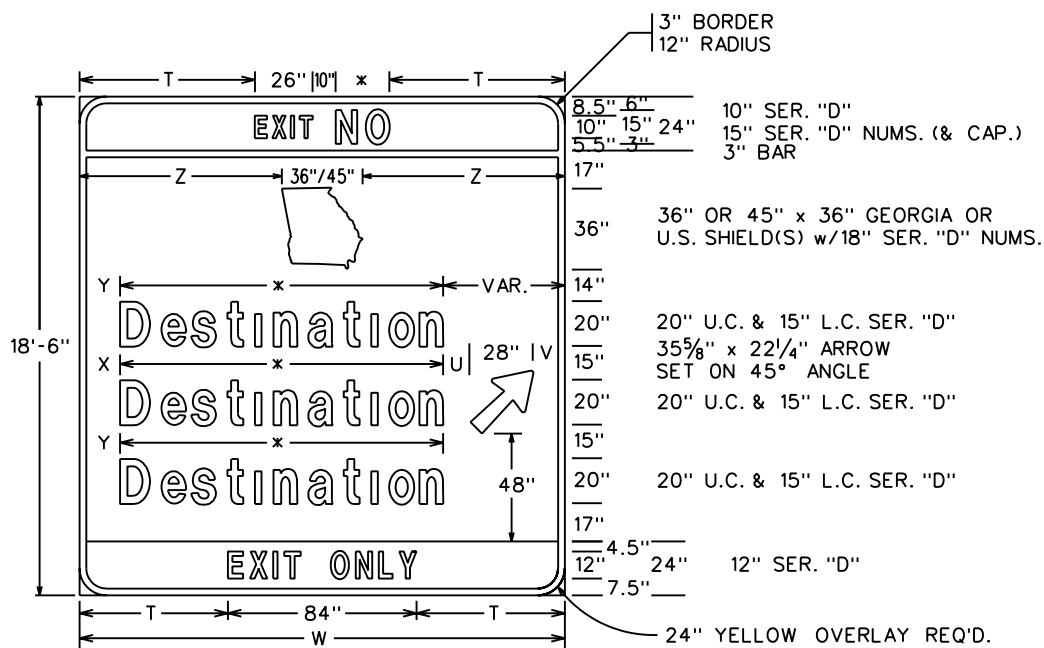
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 39

DETAILS OF EXIT DIRECTION (LANE DROP) SIGNS

- NO SCALE -



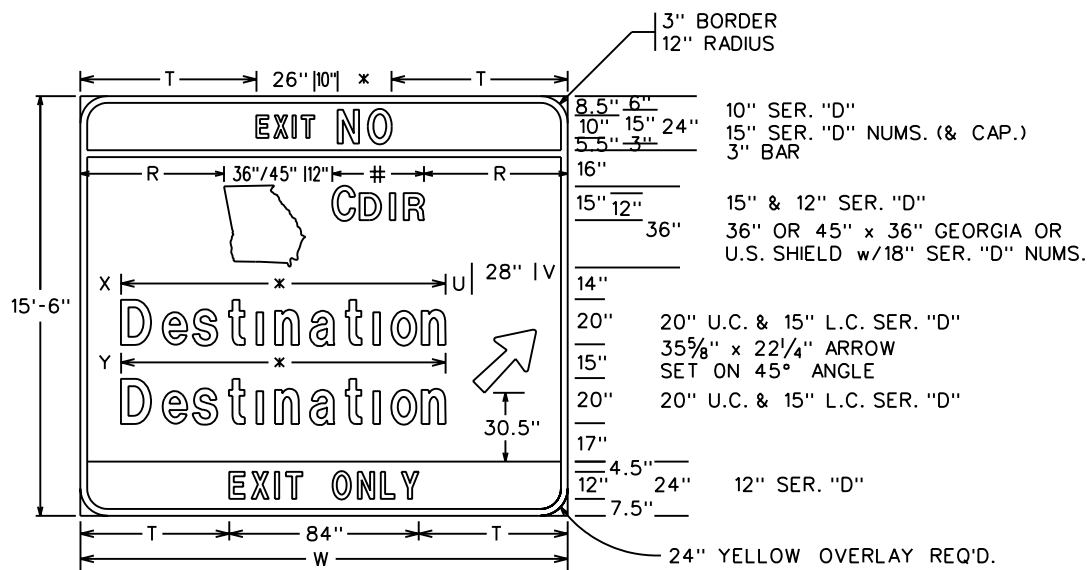
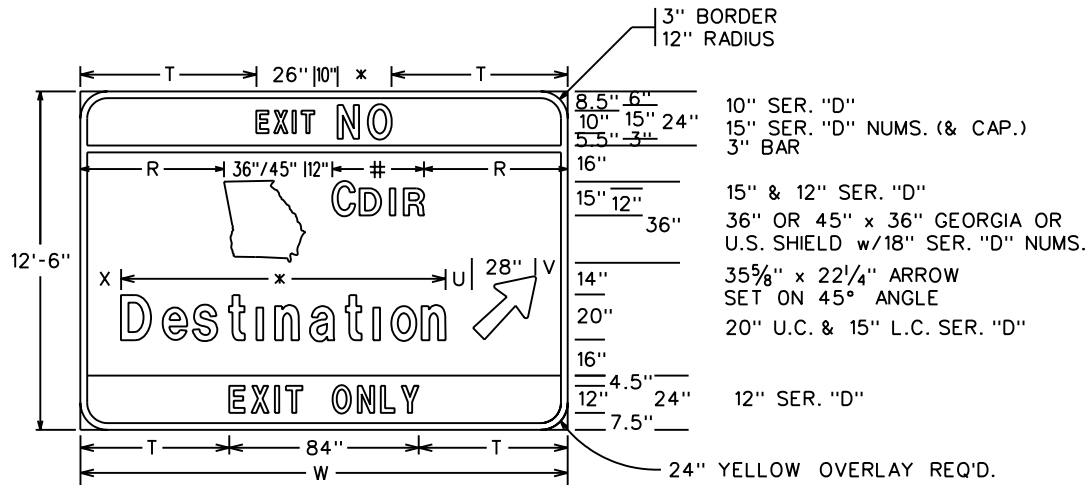
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 40

DETAILS OF EXIT DIRECTION (LANE DROP) SIGNS

- NO SCALE -



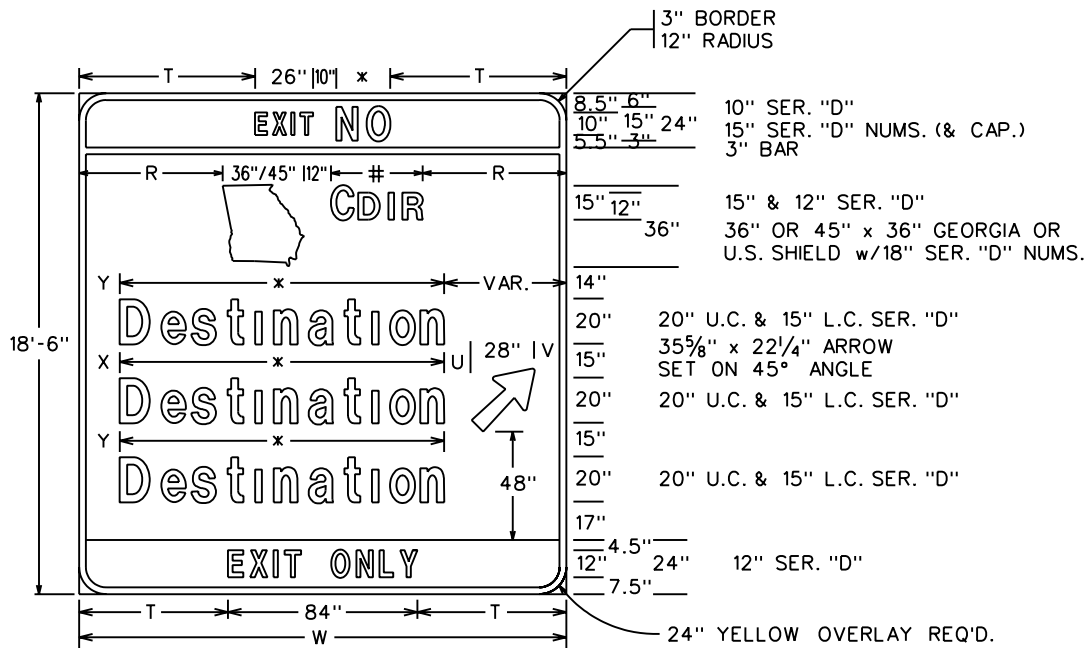
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z DETERMINED BY CENTERING SHIELD

SIGN TEMPLATE 41

DETAILS OF EXIT DIRECTION (LANE DROP) SIGNS

- NO SCALE -



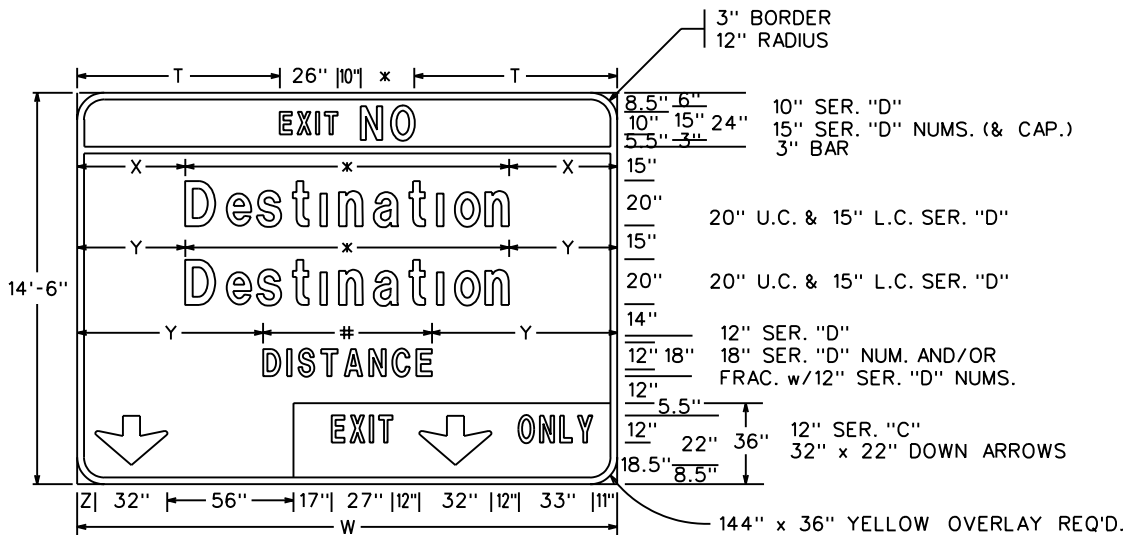
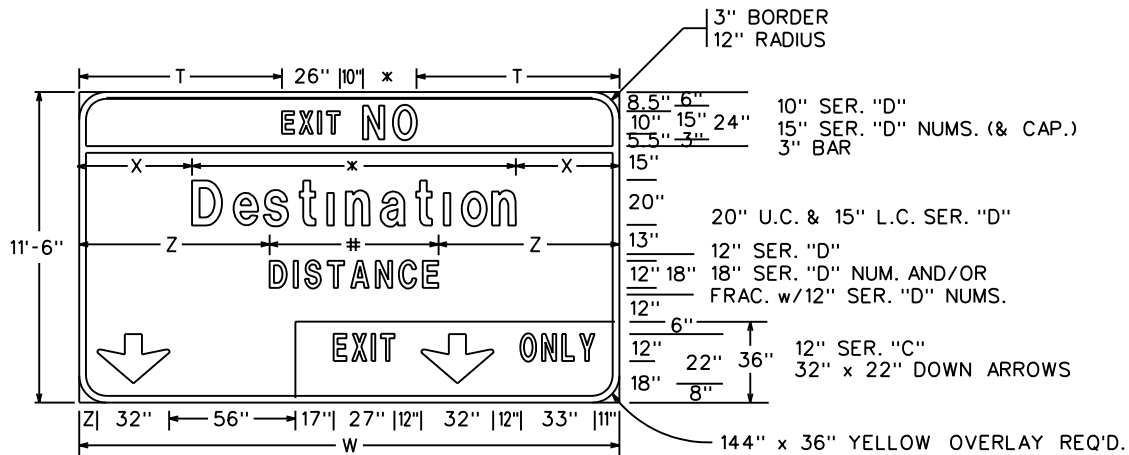
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 13" MINIMUM
- V VARIABLE, 15" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z DETERMINED BY CENTERING SHIELD

SIGN TEMPLATE 42

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



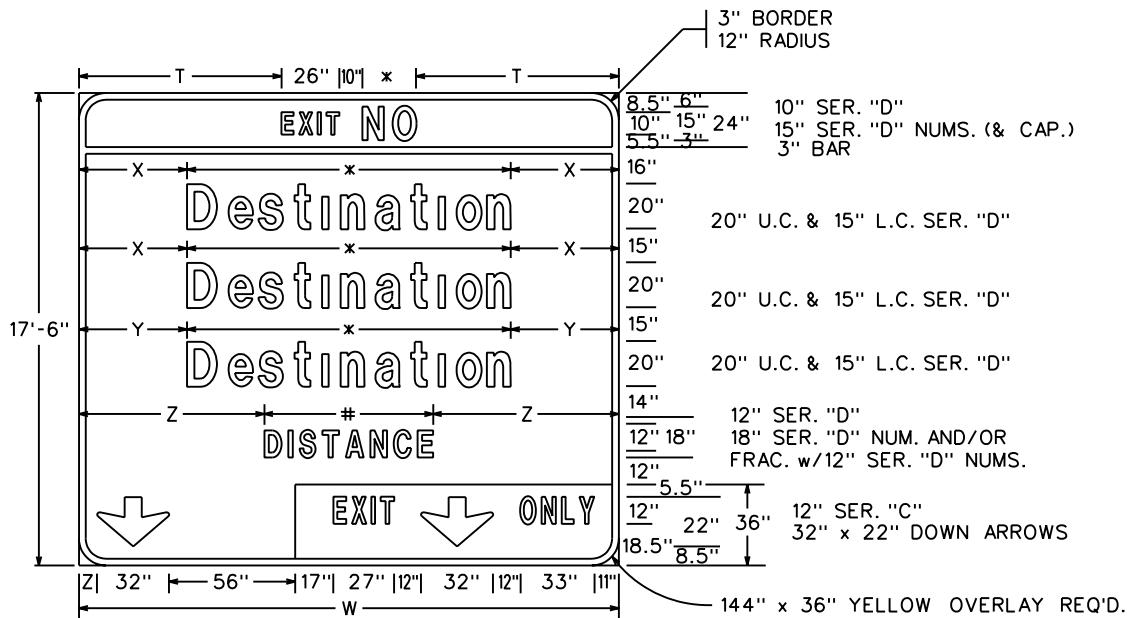
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY)

SIGN TEMPLATE 43

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



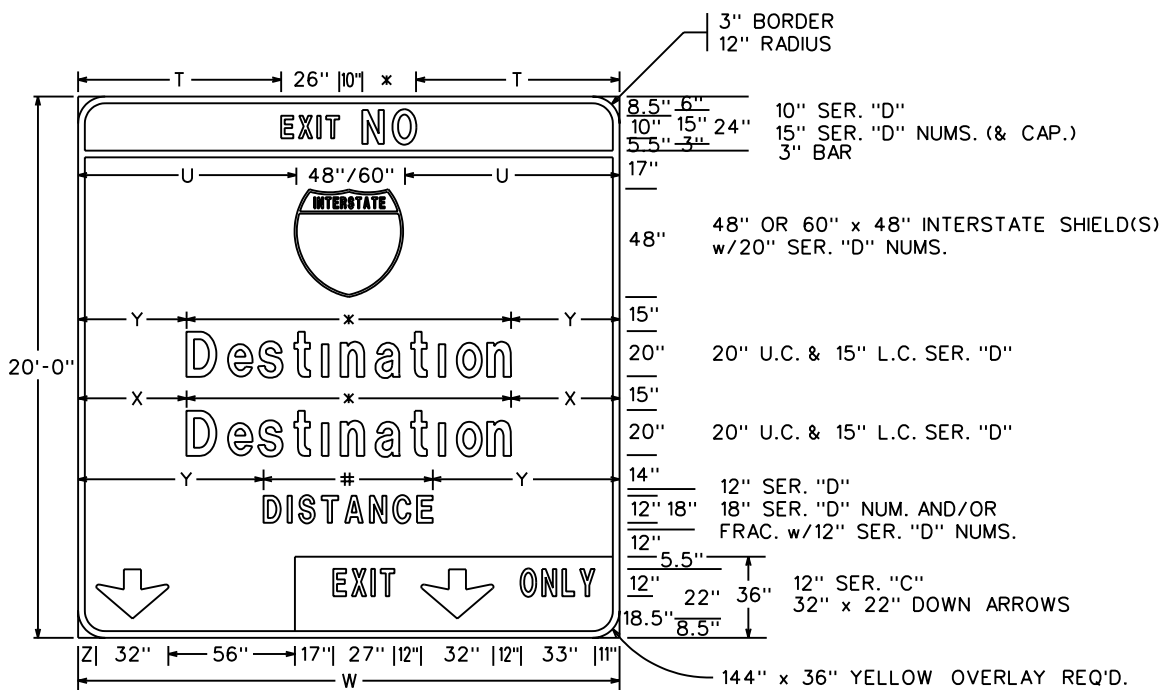
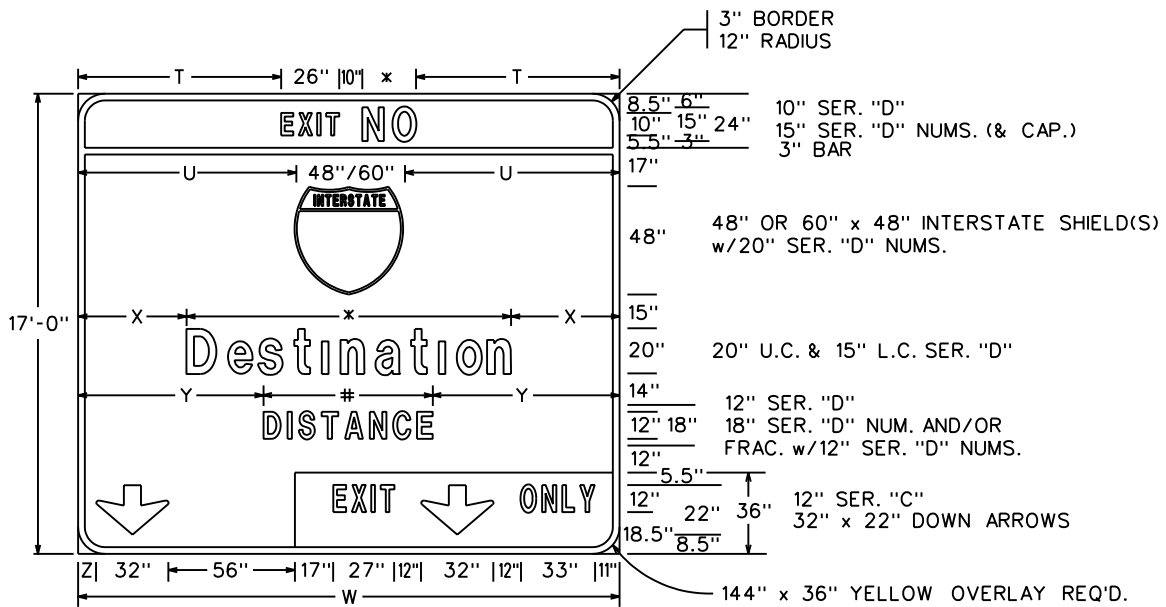
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY)

SIGN TEMPLATE 44

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



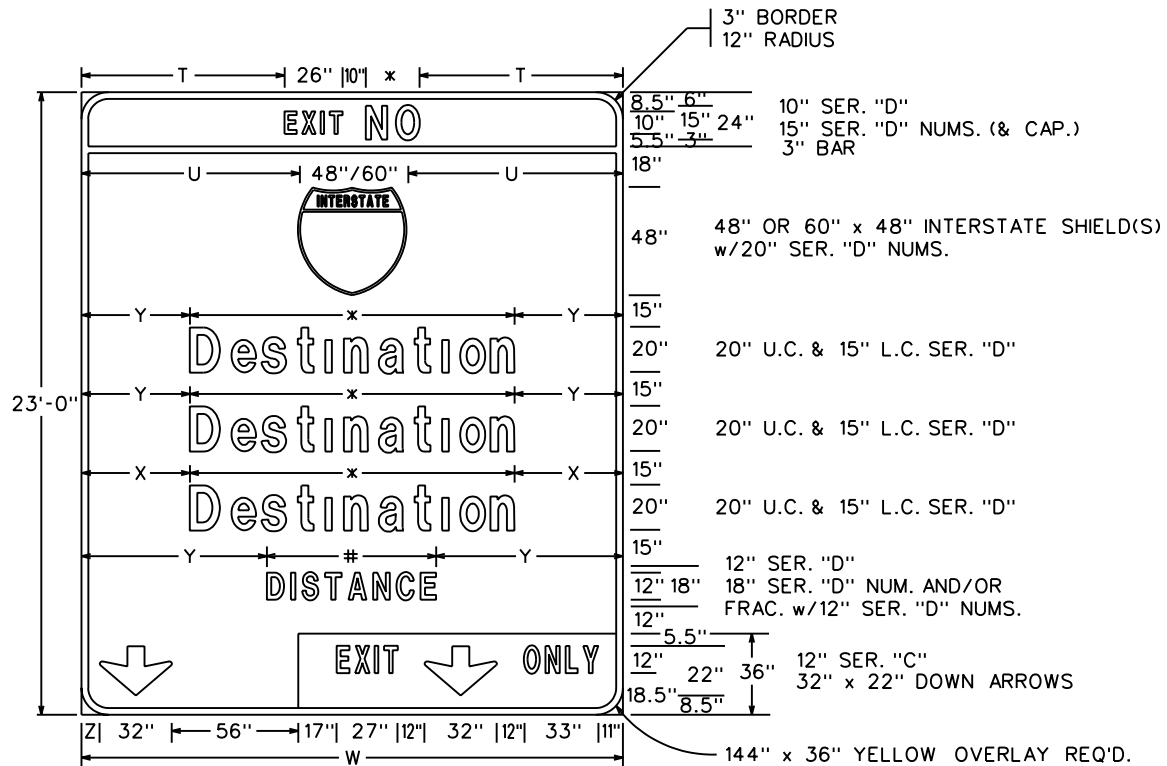
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 45

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



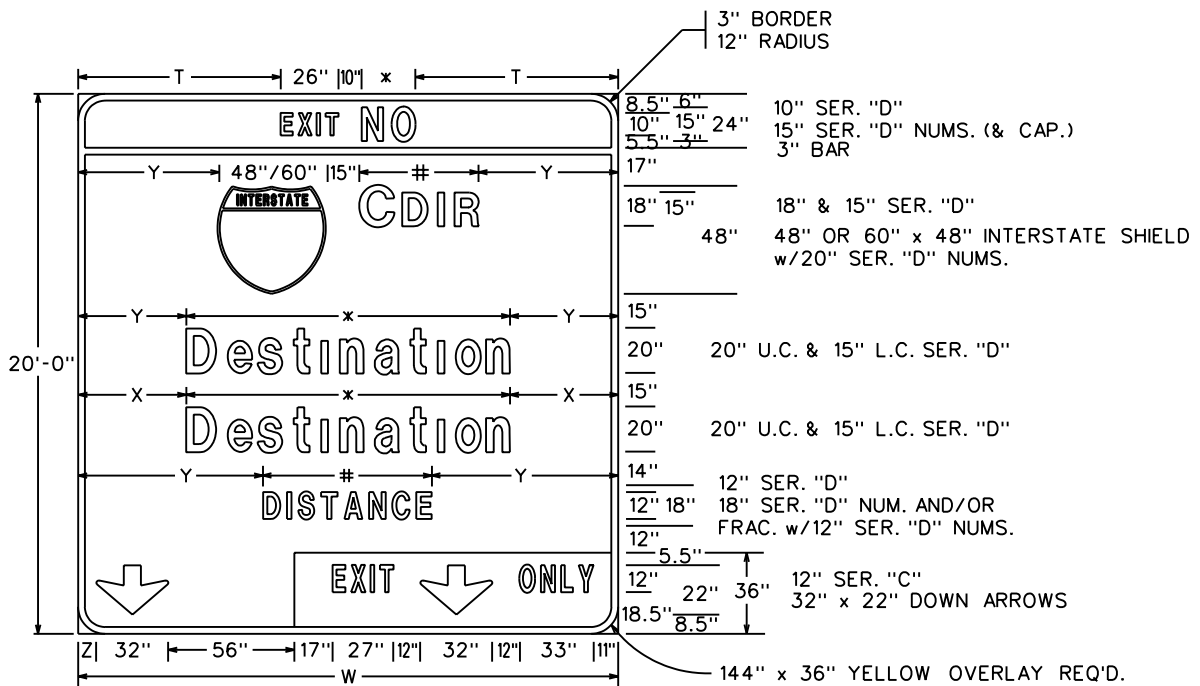
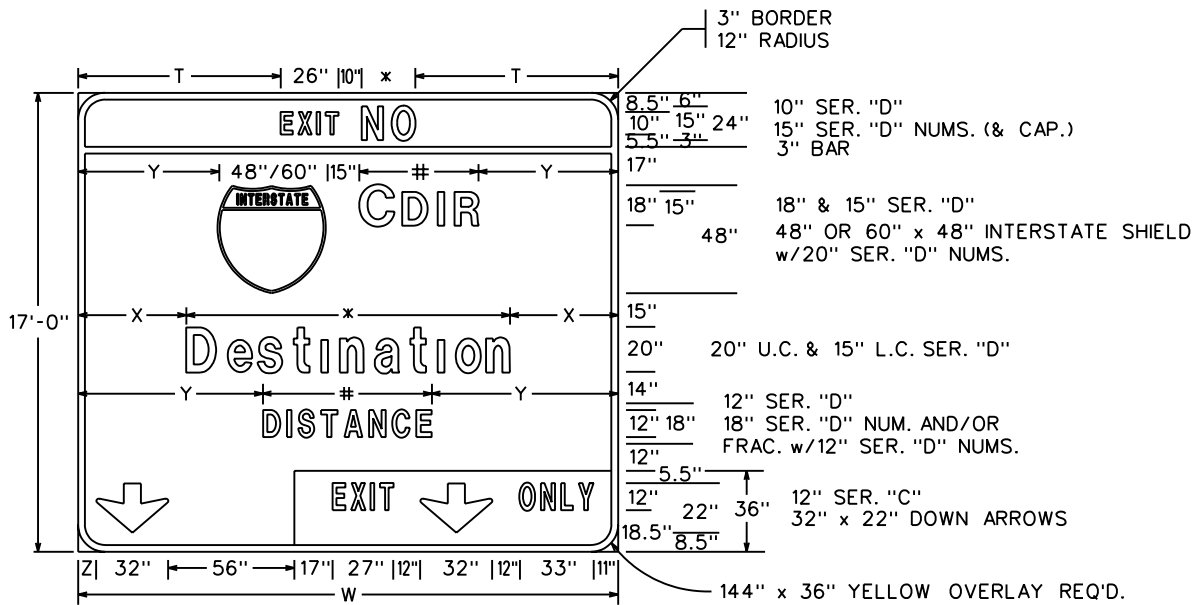
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 46

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



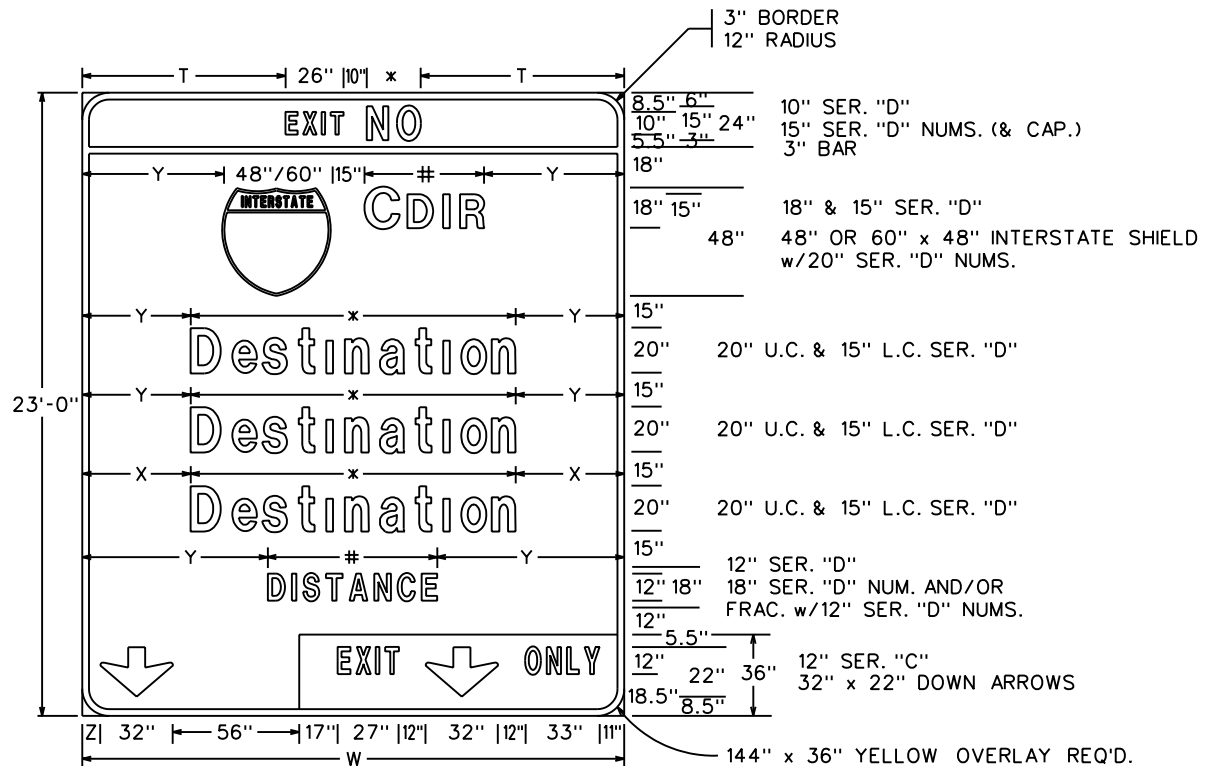
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 47

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



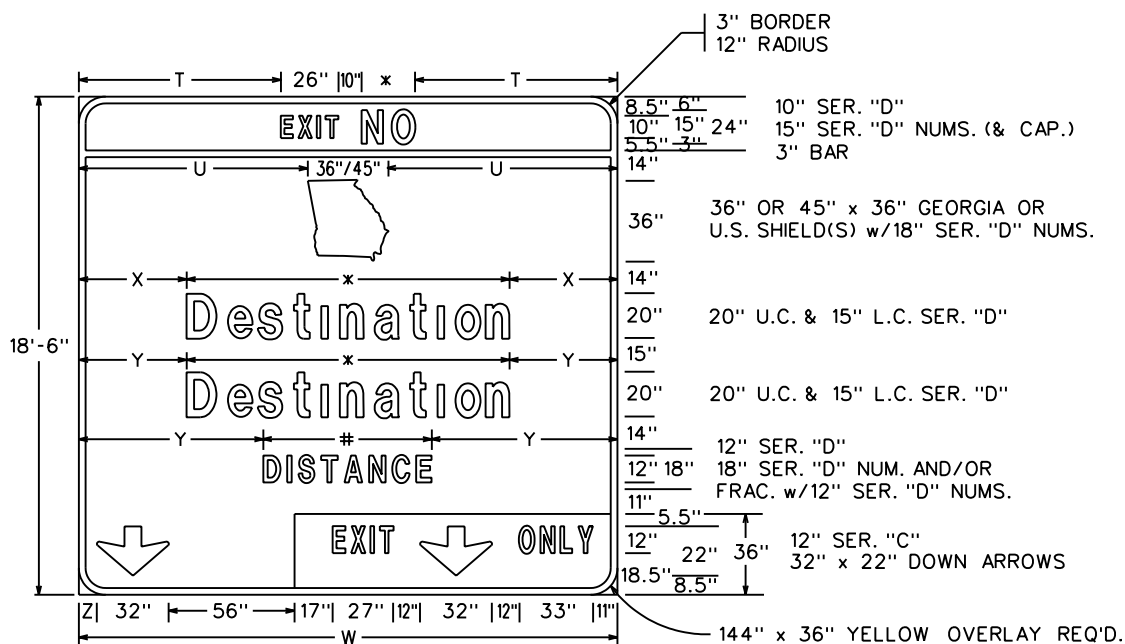
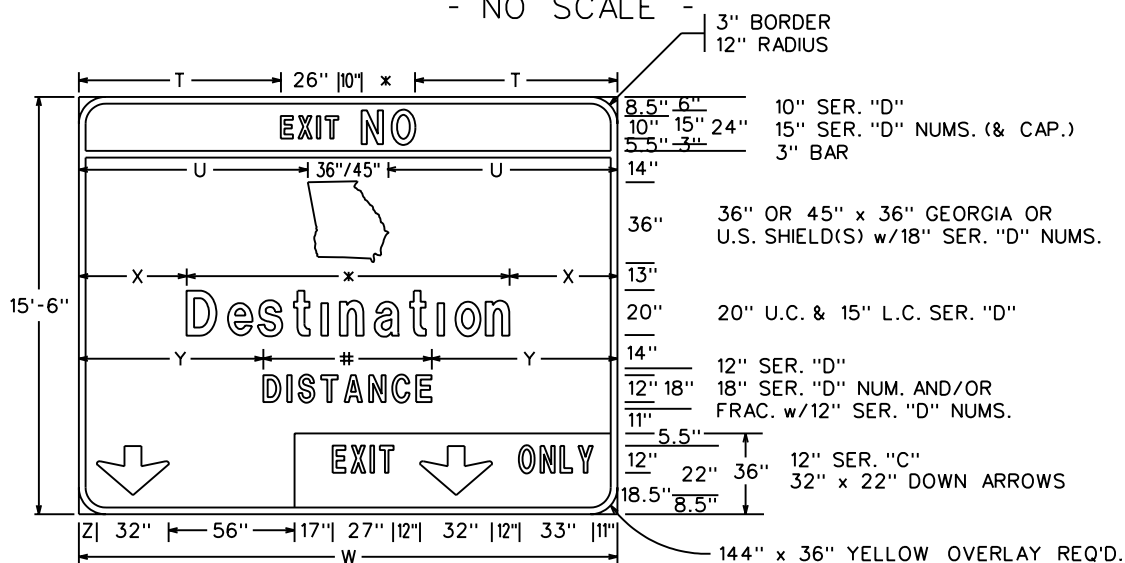
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 48

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



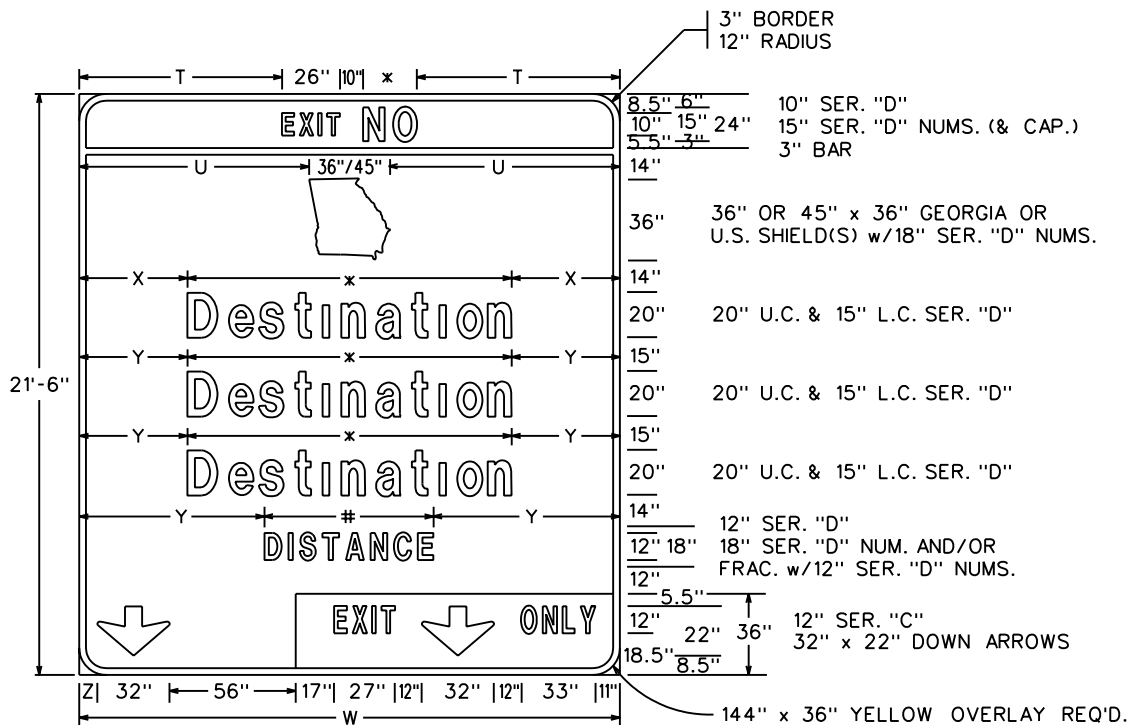
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 49

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



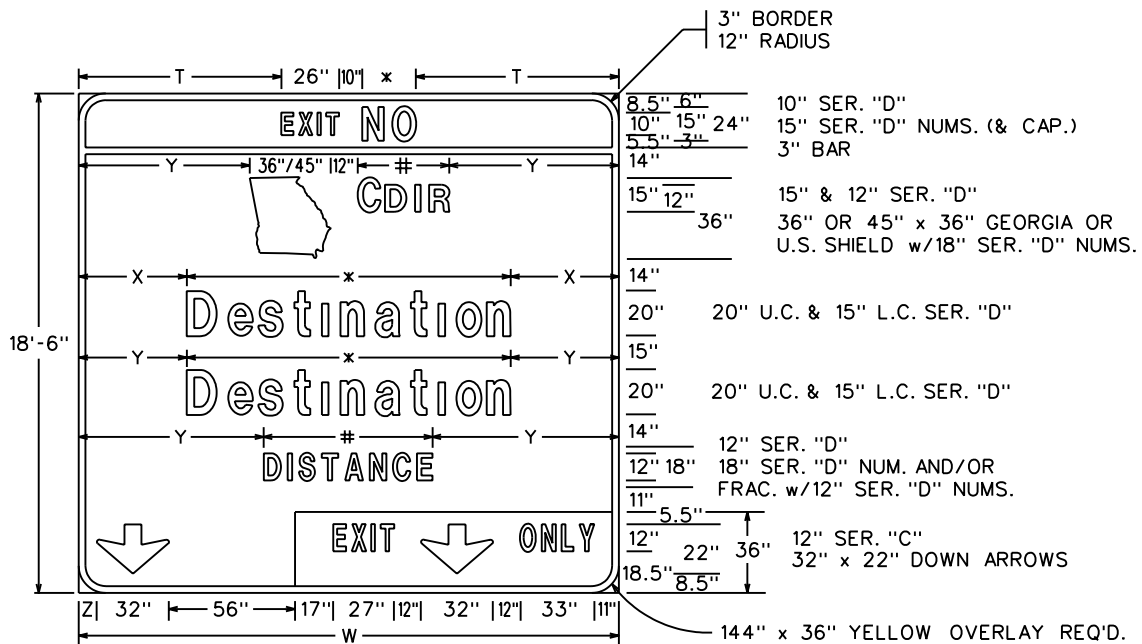
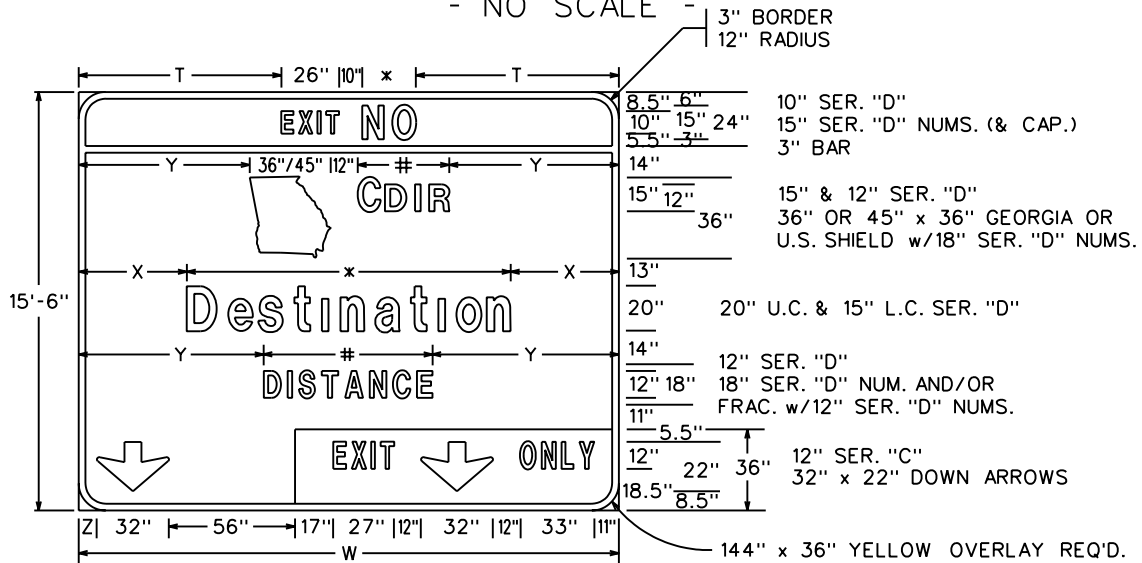
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 50

DETAILS OF ADVANCE LANE DROP SIGNS

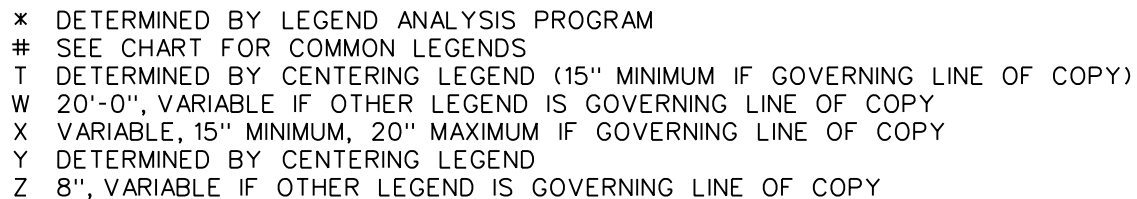
- NO SCALE -



LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8", VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

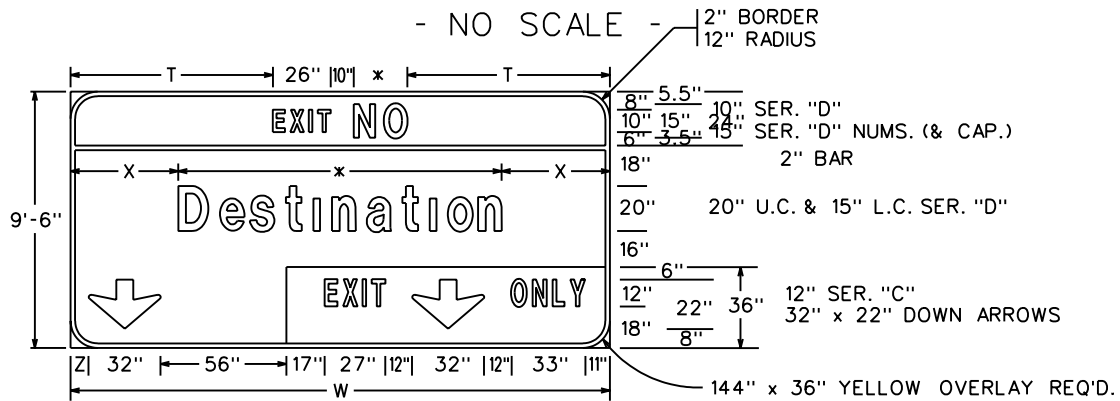
- NO SCALE -



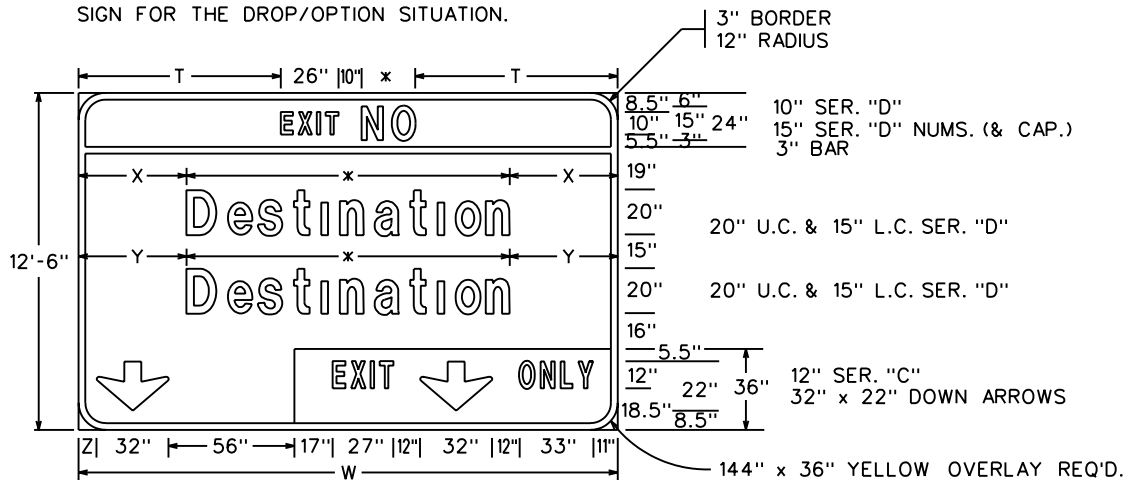
SIGN TEMPLATE 52

DETAILS OF INTERMEDIATE LANE DROP SIGNS

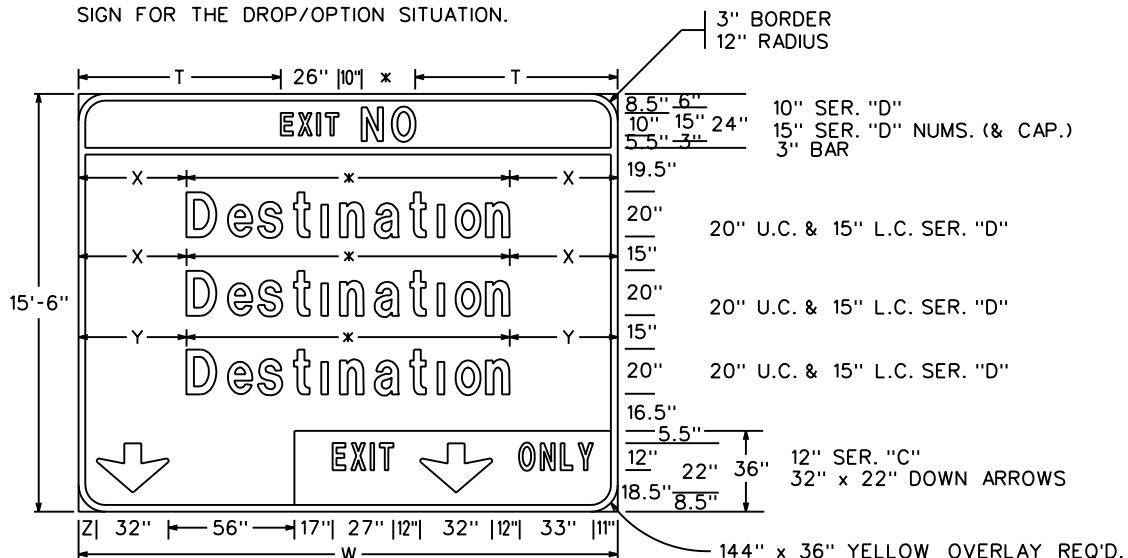
- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DROP/OPTION SITUATION.



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DROP/OPTION SITUATION.



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DROP/OPTION SITUATION.

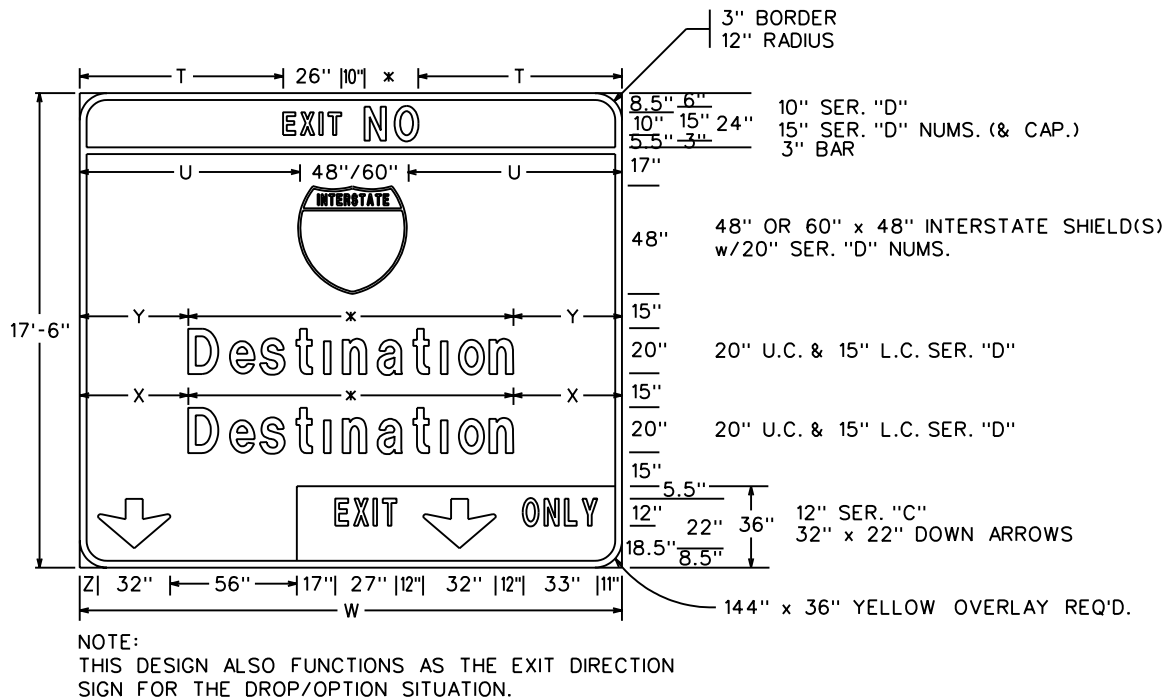
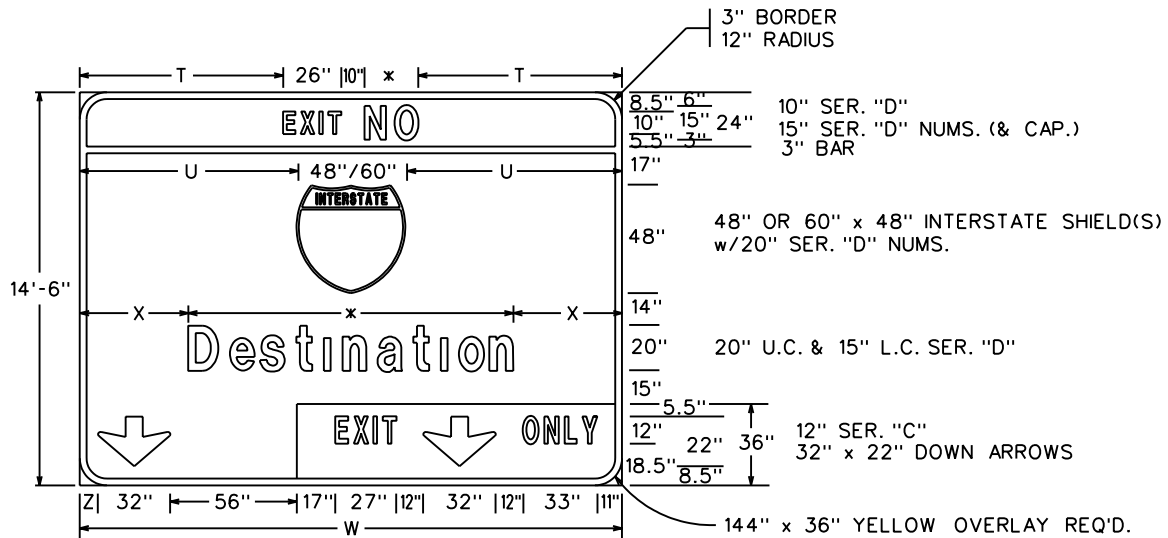
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 53

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



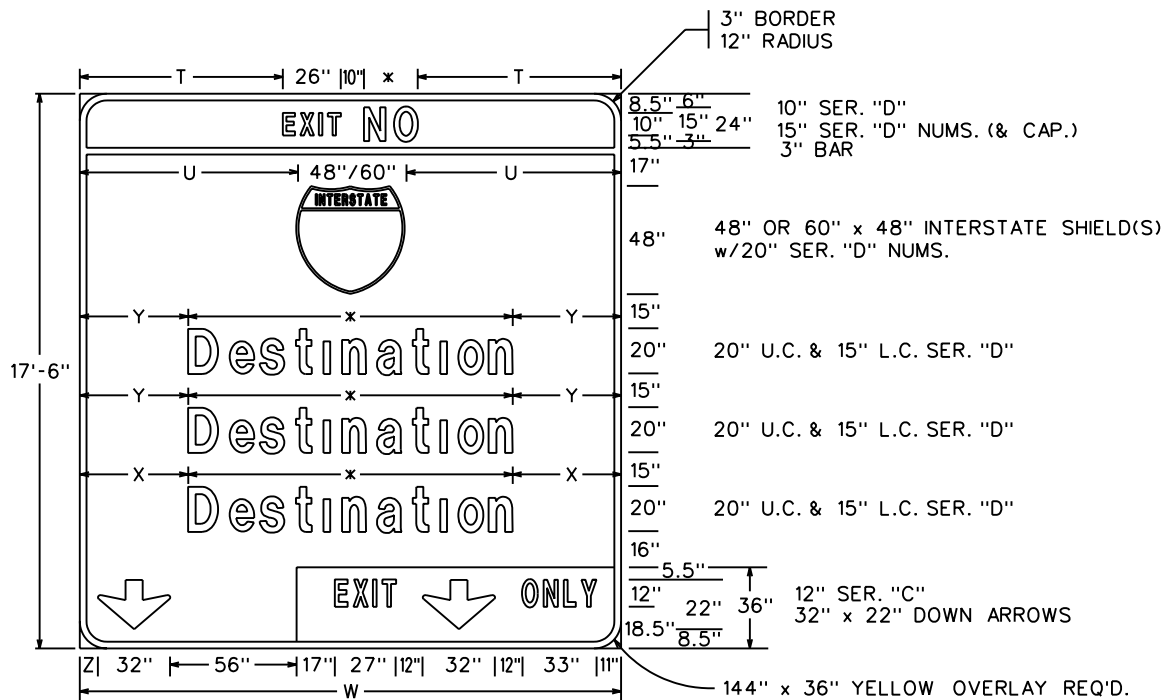
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 54

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DROP/OPTION SITUATION.

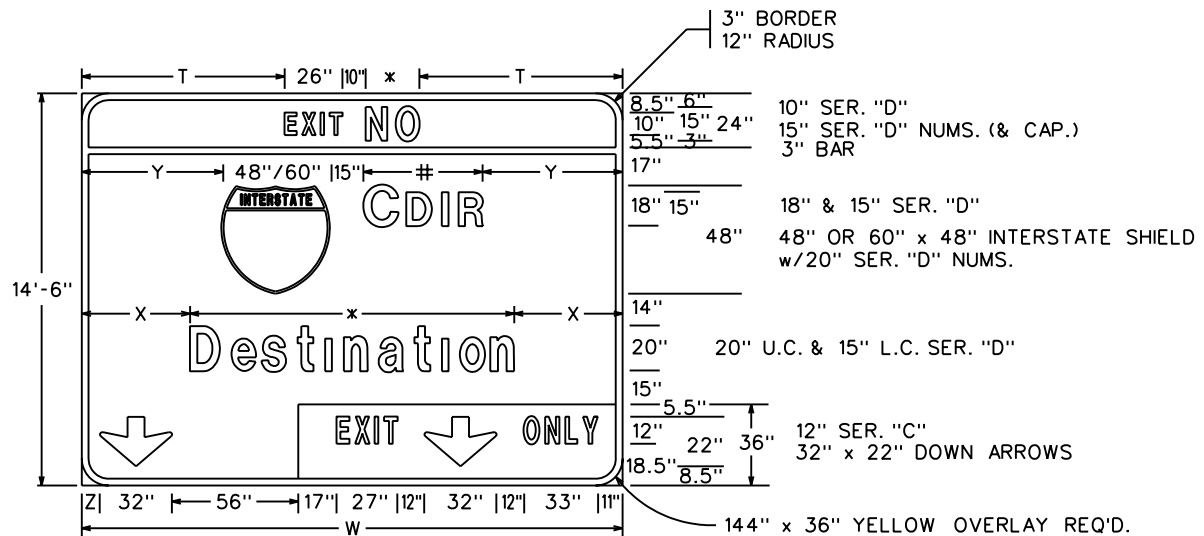
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

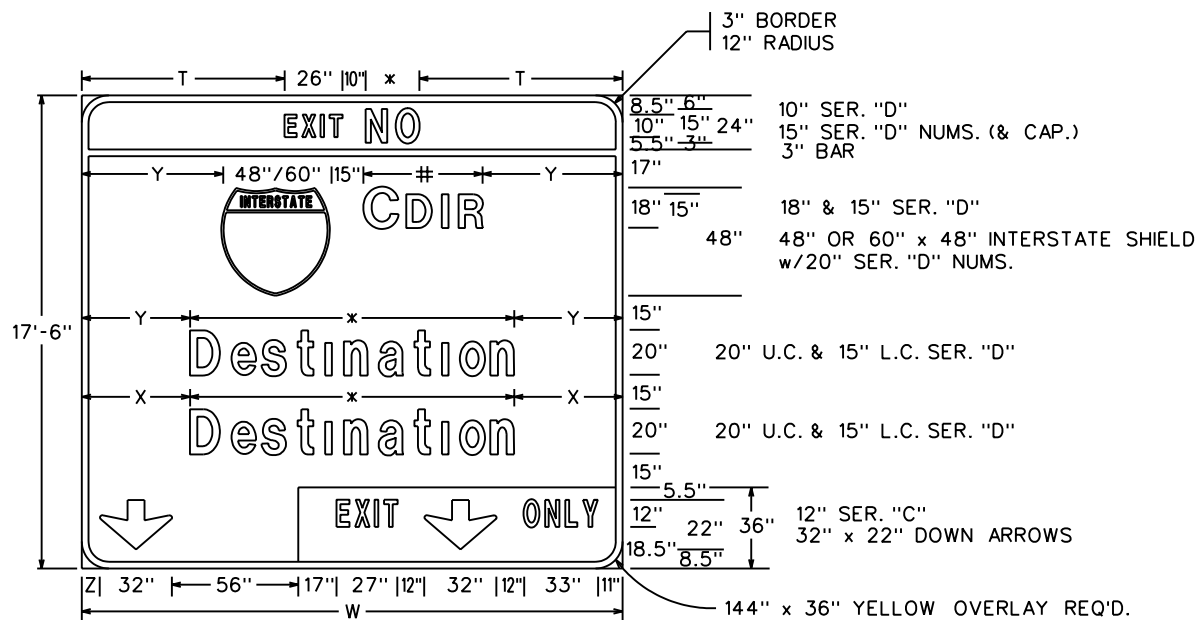
SIGN TEMPLATE 55

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DROP/OPTION SITUATION.



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DROP/OPTION SITUATION.

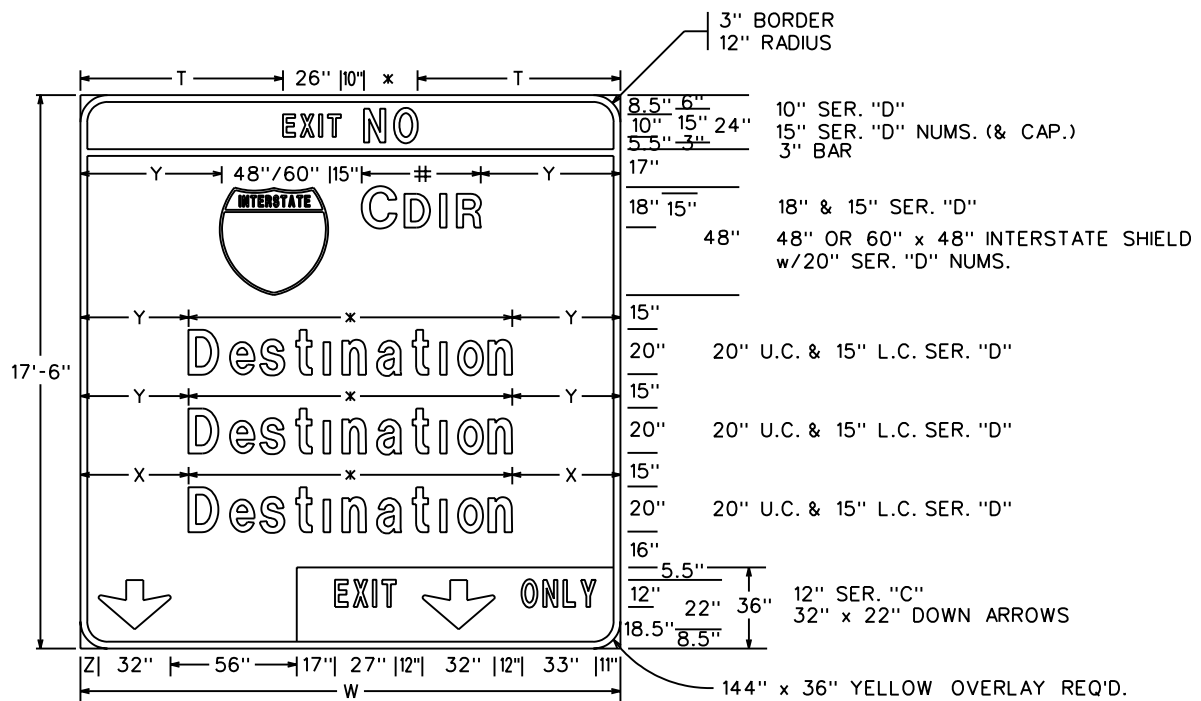
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 56

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DROP/OPTION SITUATION.

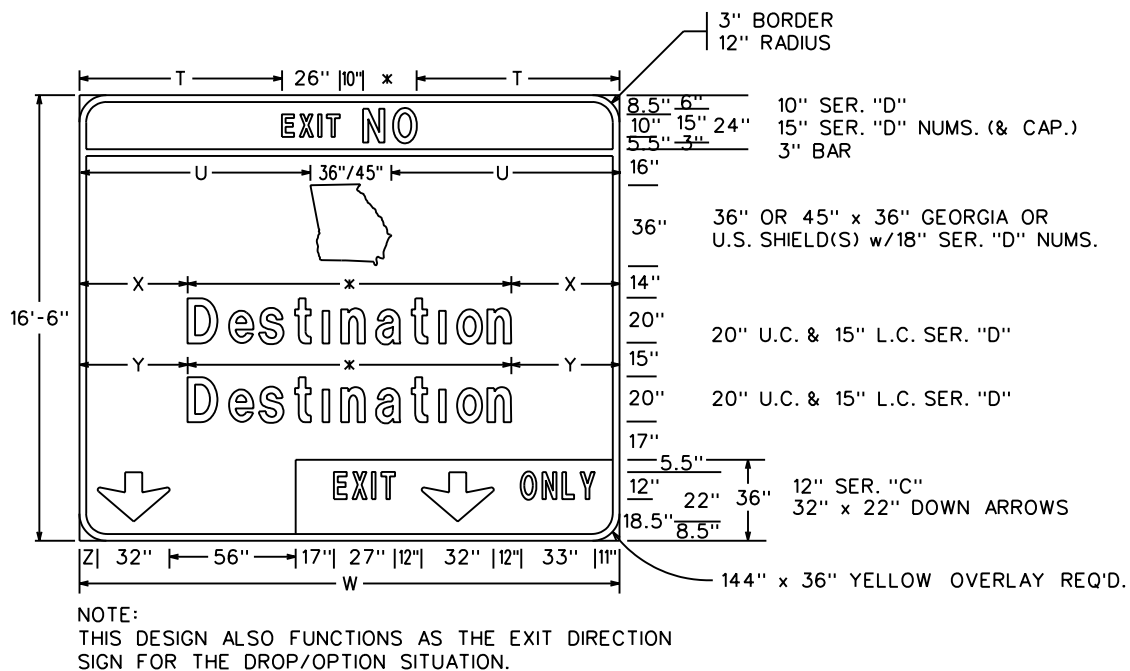
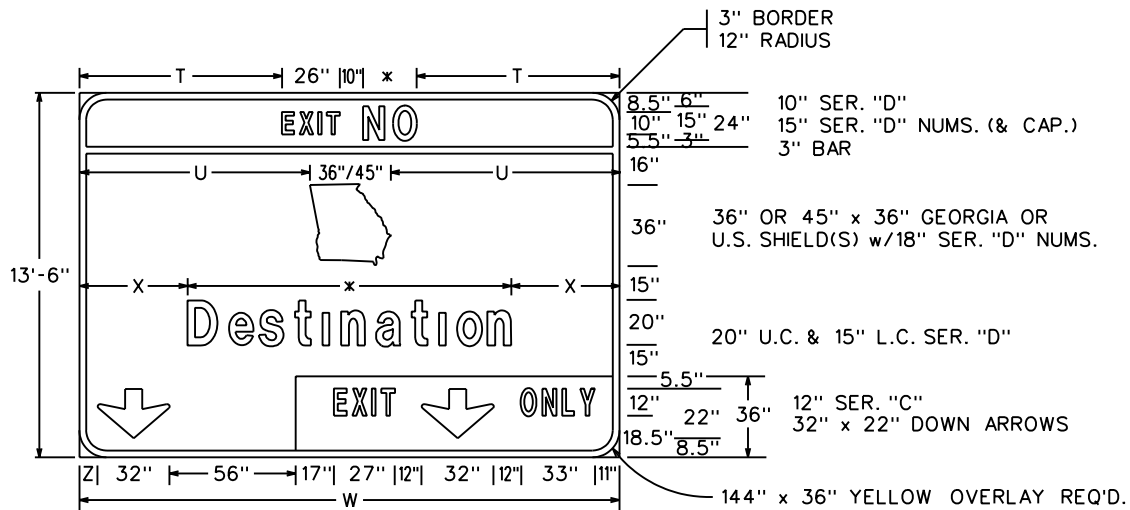
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 57

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



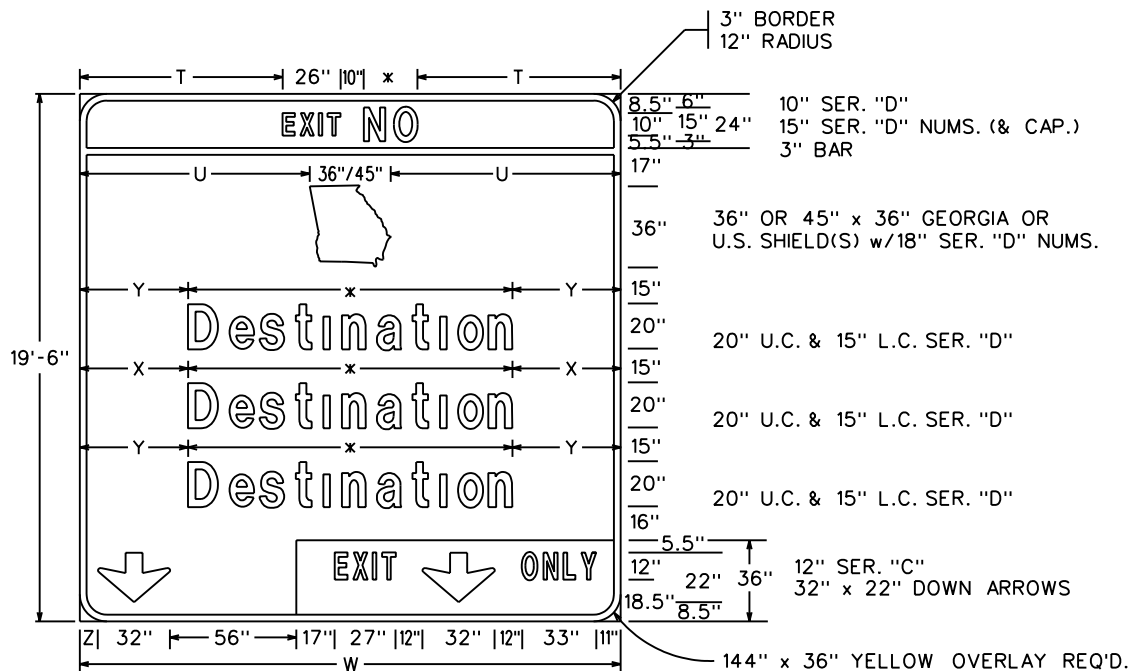
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 58

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DROP/OPTION SITUATION.

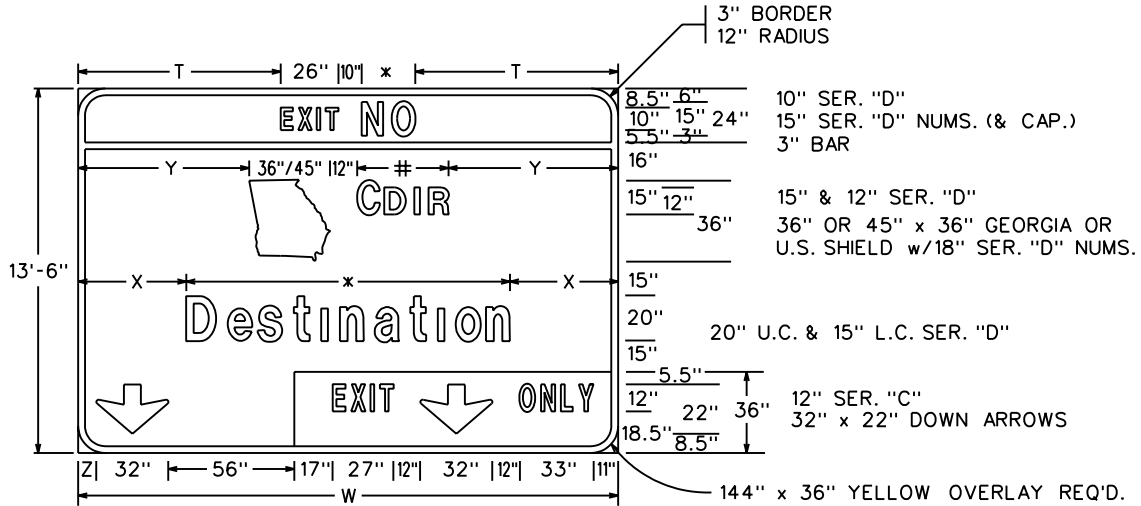
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

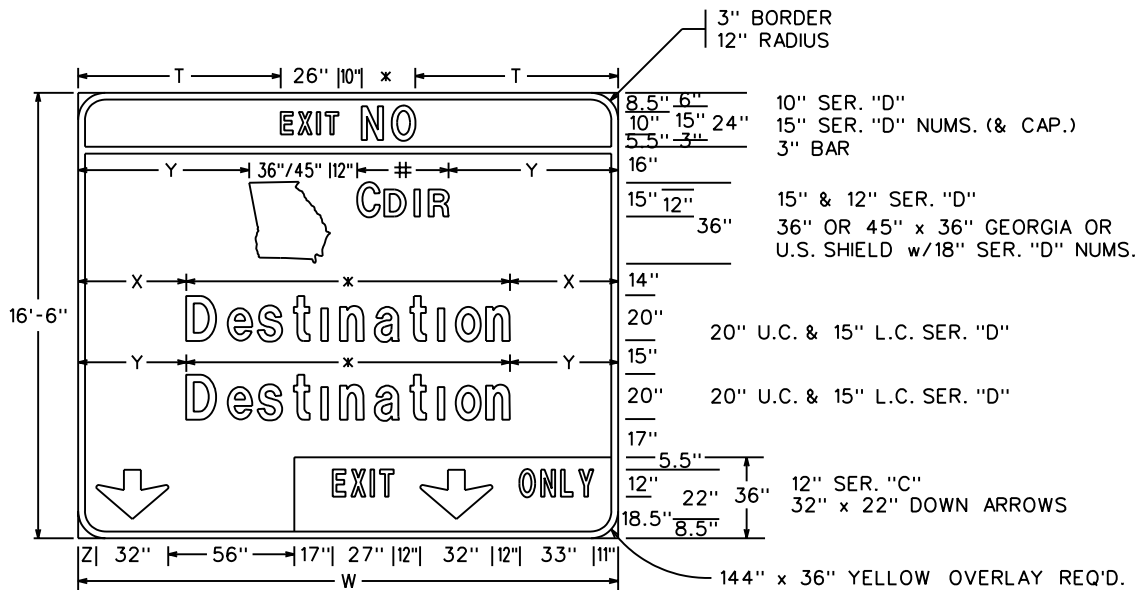
SIGN TEMPLATE 59

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DROP/OPTION SITUATION.



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DROP/OPTION SITUATION.

LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 20'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

- NO SCALE -

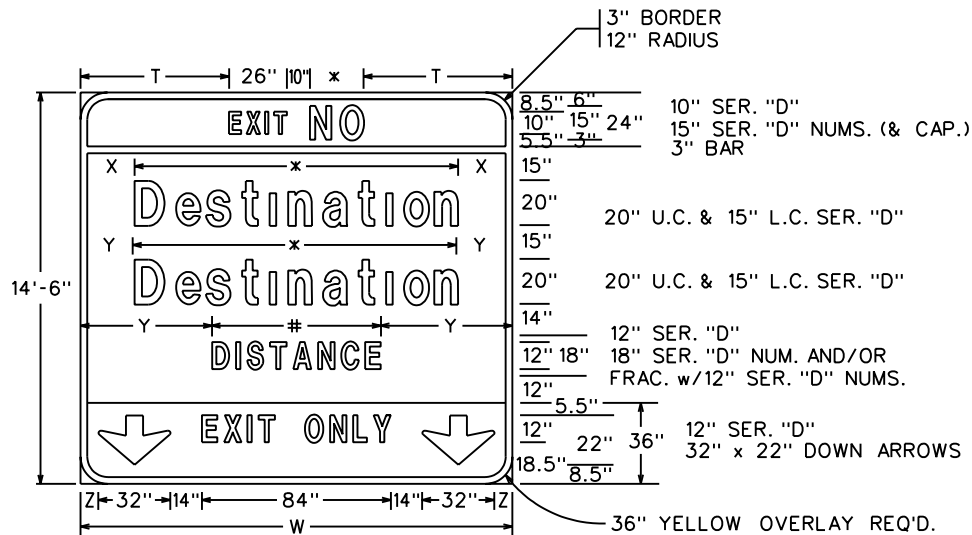
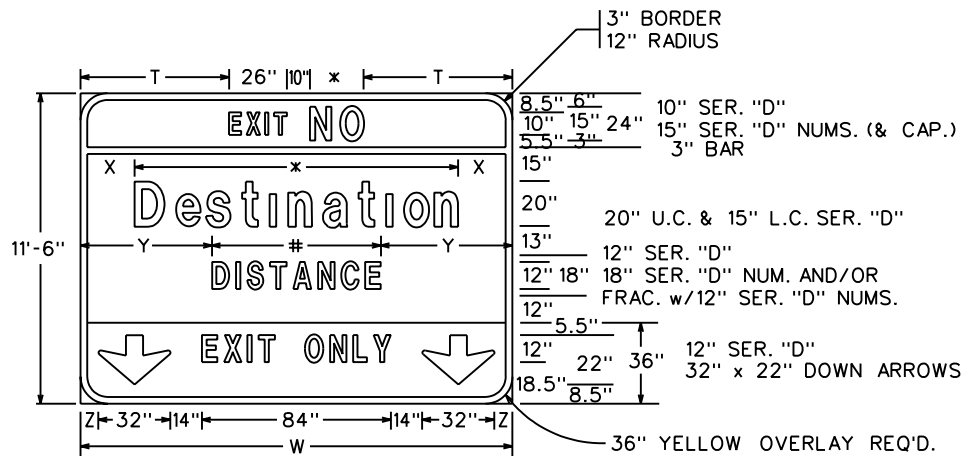


```
* DETERMINED BY LEGEND ANALYSIS PROGRAM
# SEE CHART FOR COMMON LEGENDS
T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
W 20'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
X VARIABLE, 15" MINIMUM, 20" MAXIMUM IF GOVERNING LINE OF COPY
Y DETERMINED BY CENTERING LEGEND
Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
```

SIGN TEMPLATE 61

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



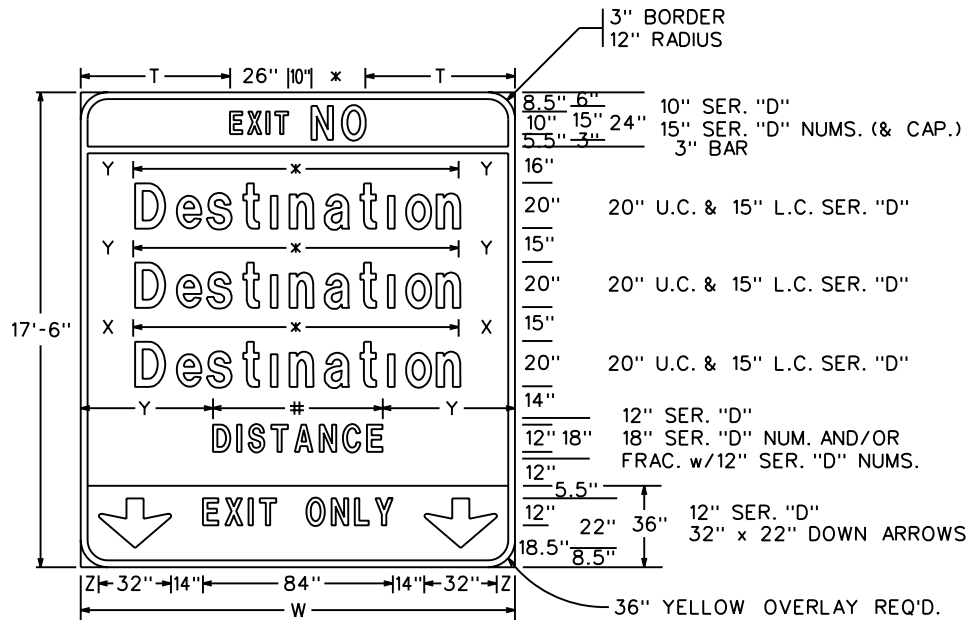
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY)

SIGN TEMPLATE 62

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



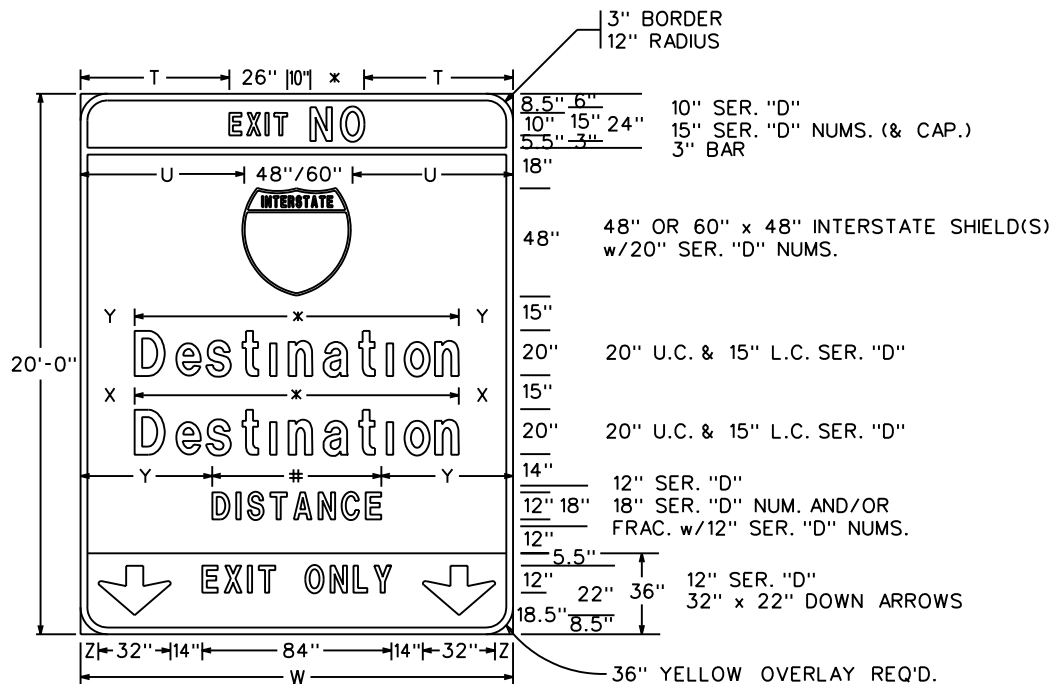
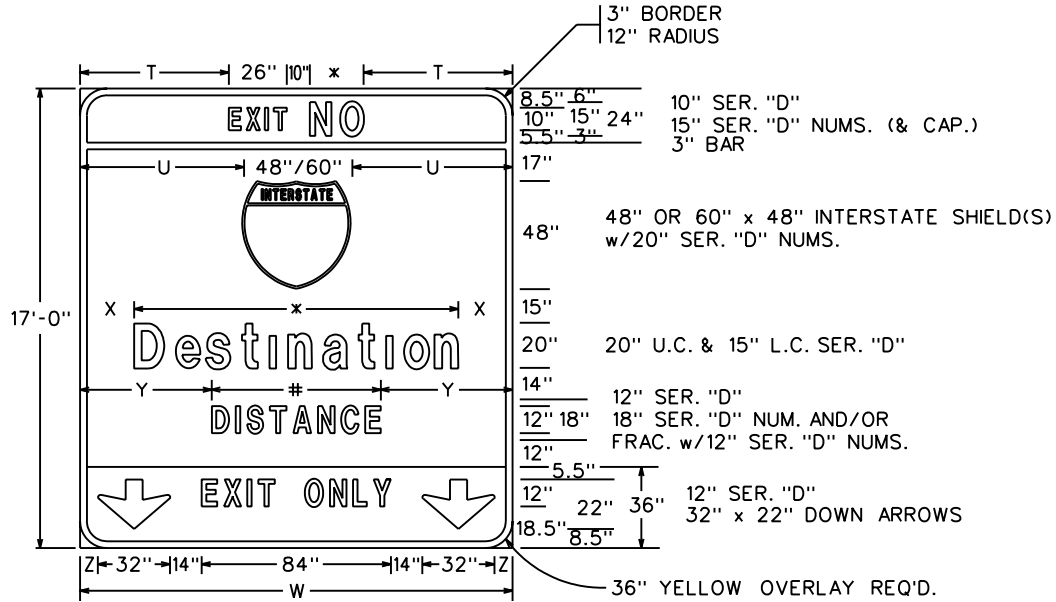
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY)

SIGN TEMPLATE 63

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



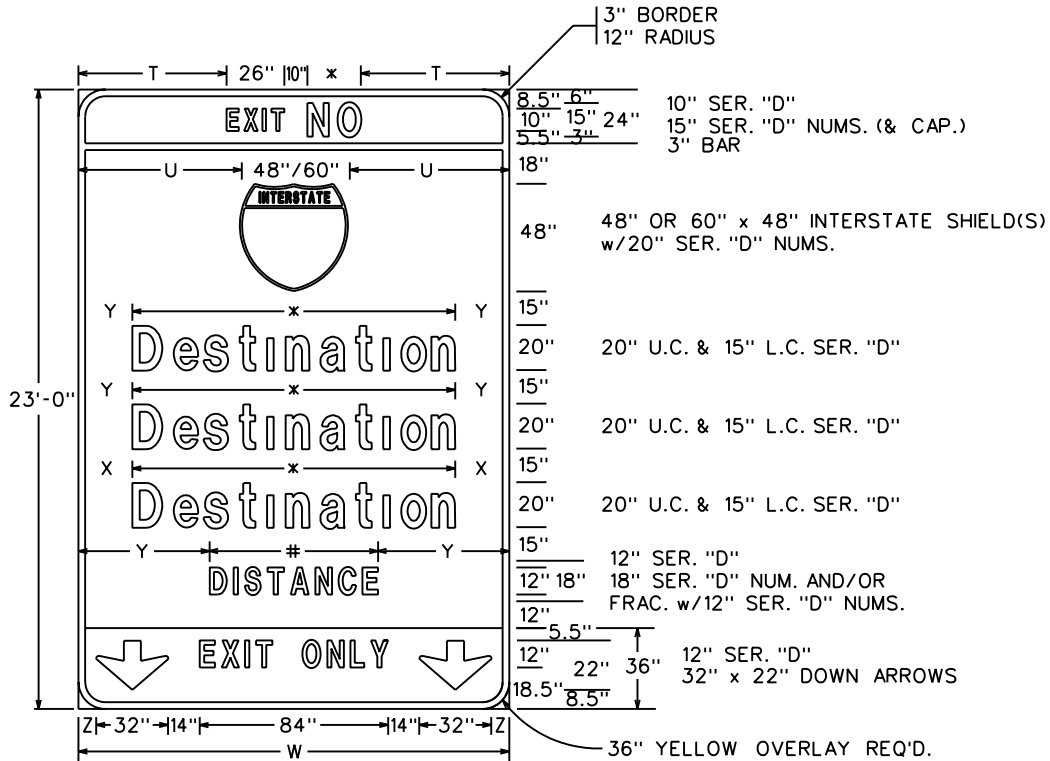
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY)

SIGN TEMPLATE 64

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



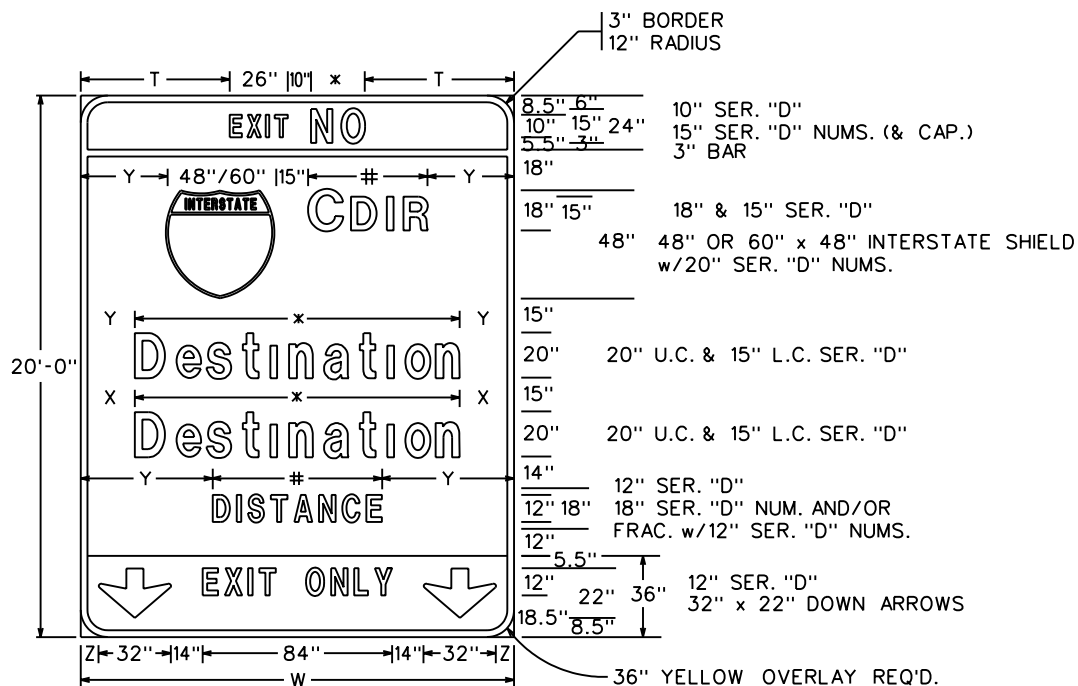
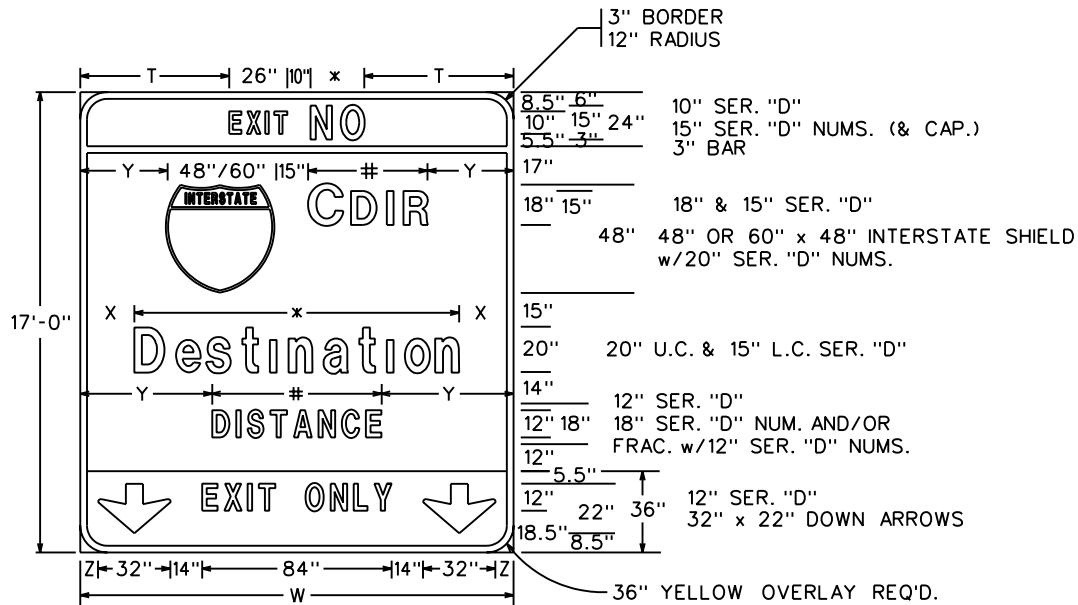
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY)

SIGN TEMPLATE 65

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



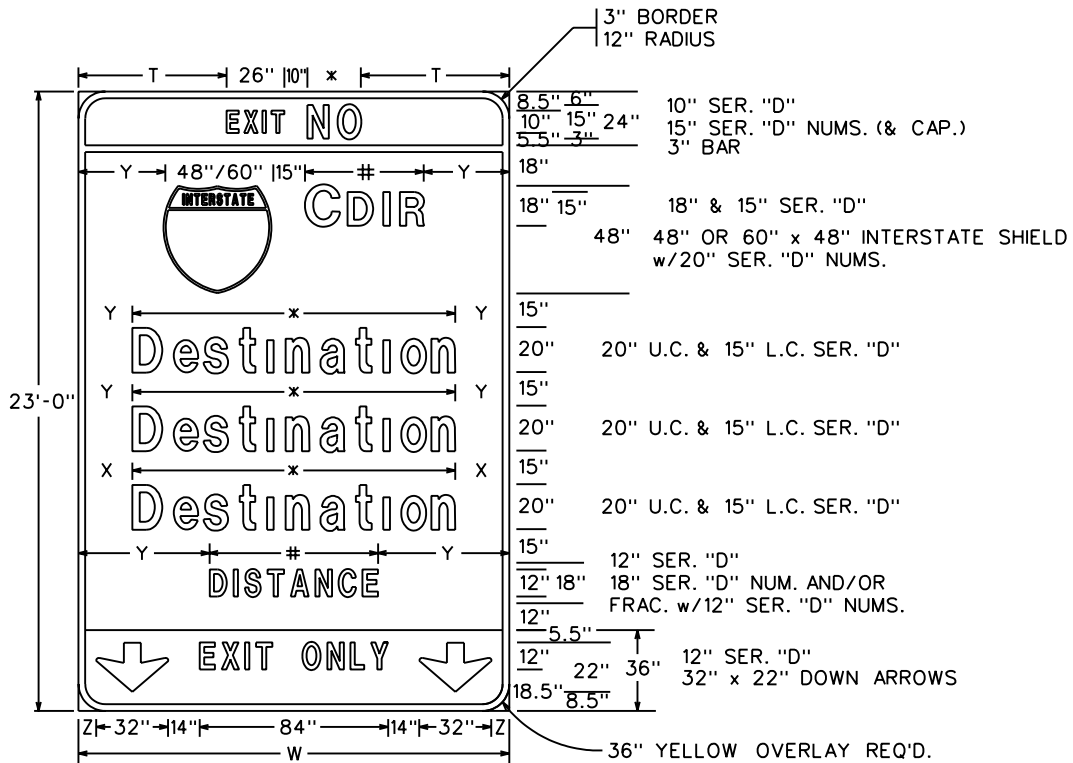
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY)

SIGN TEMPLATE 66

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



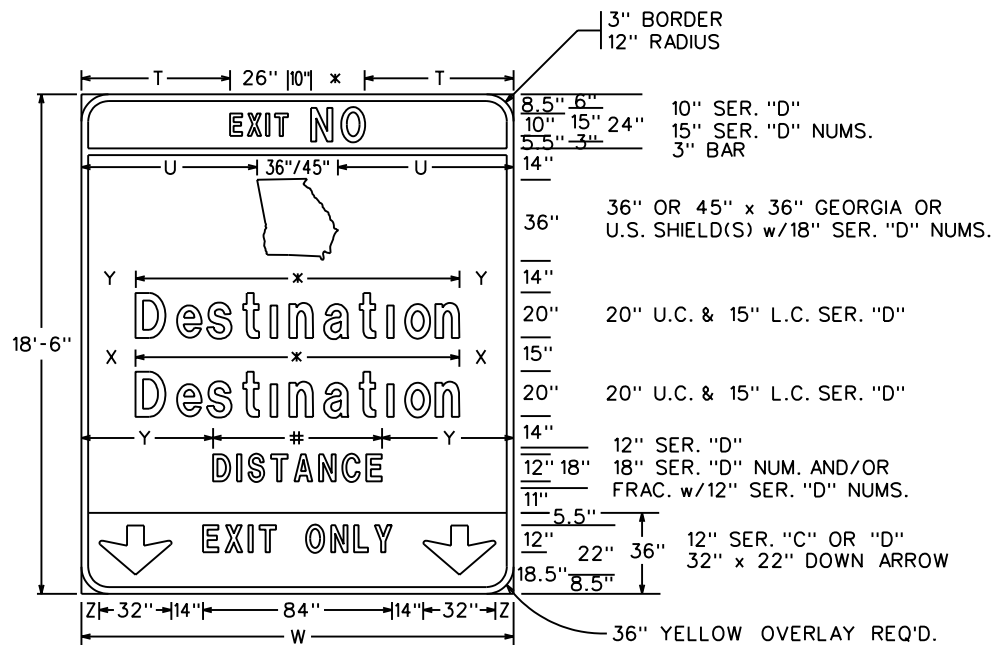
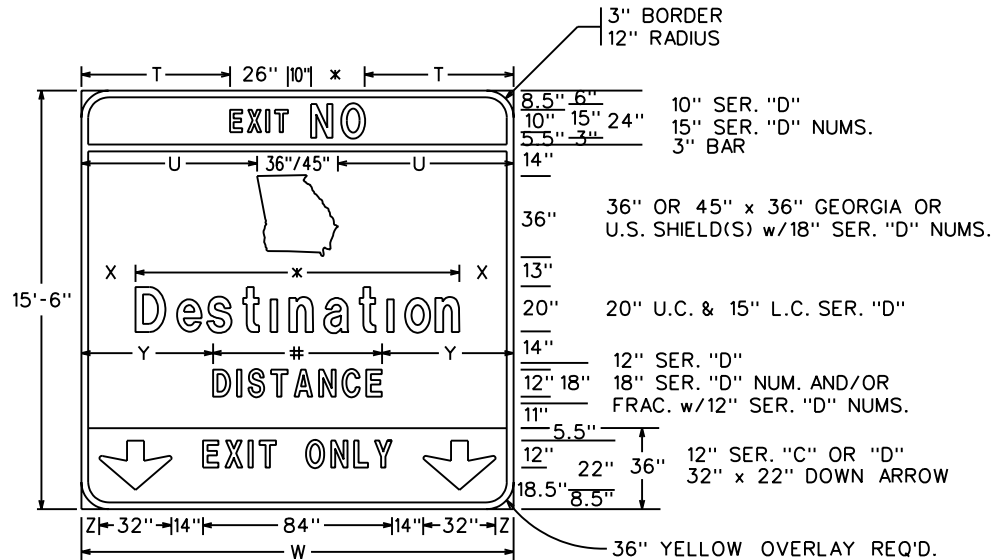
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY)

SIGN TEMPLATE 67

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



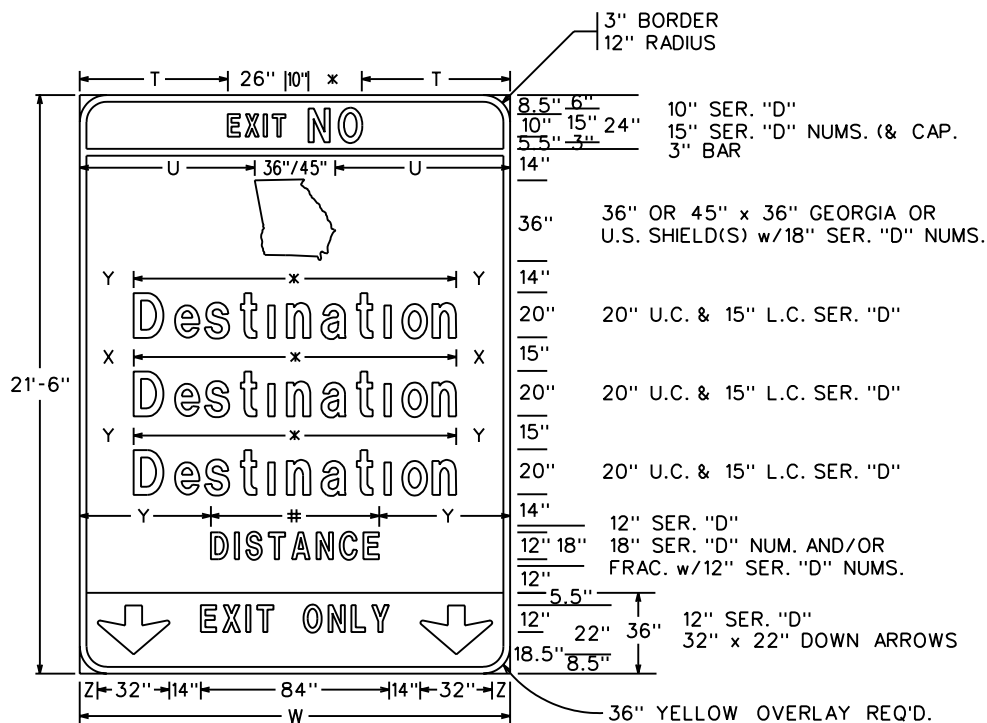
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 68

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



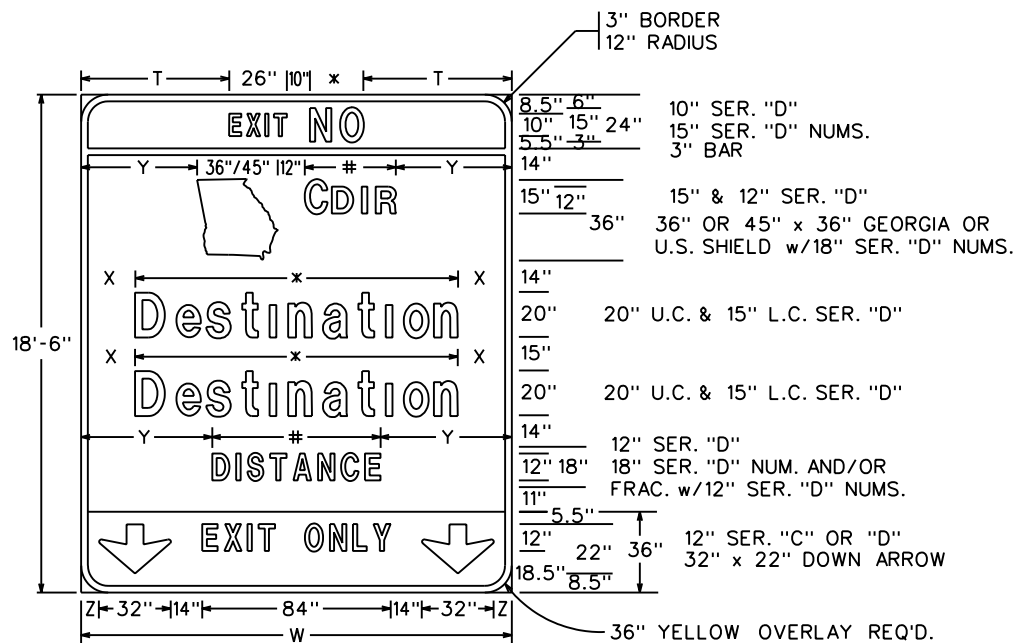
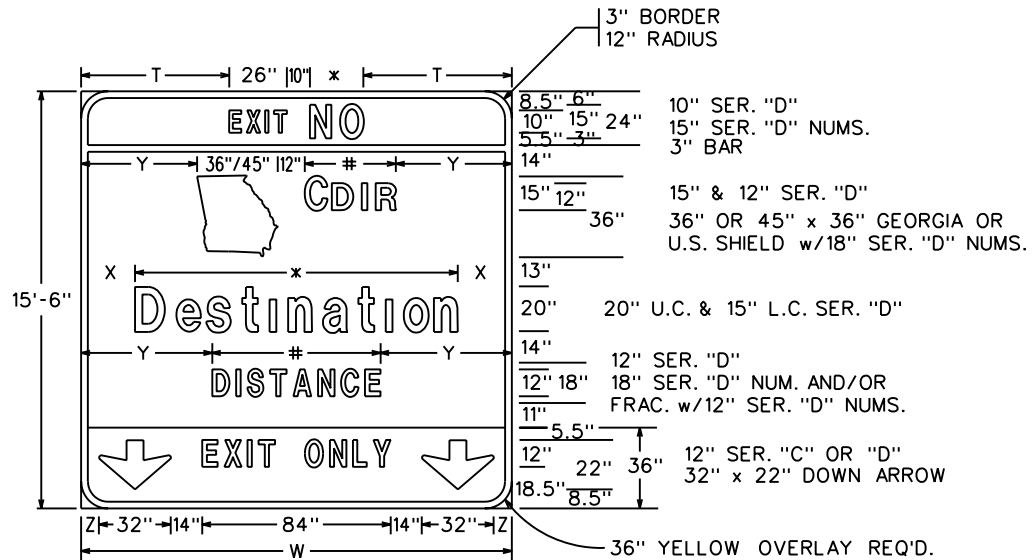
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 69

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



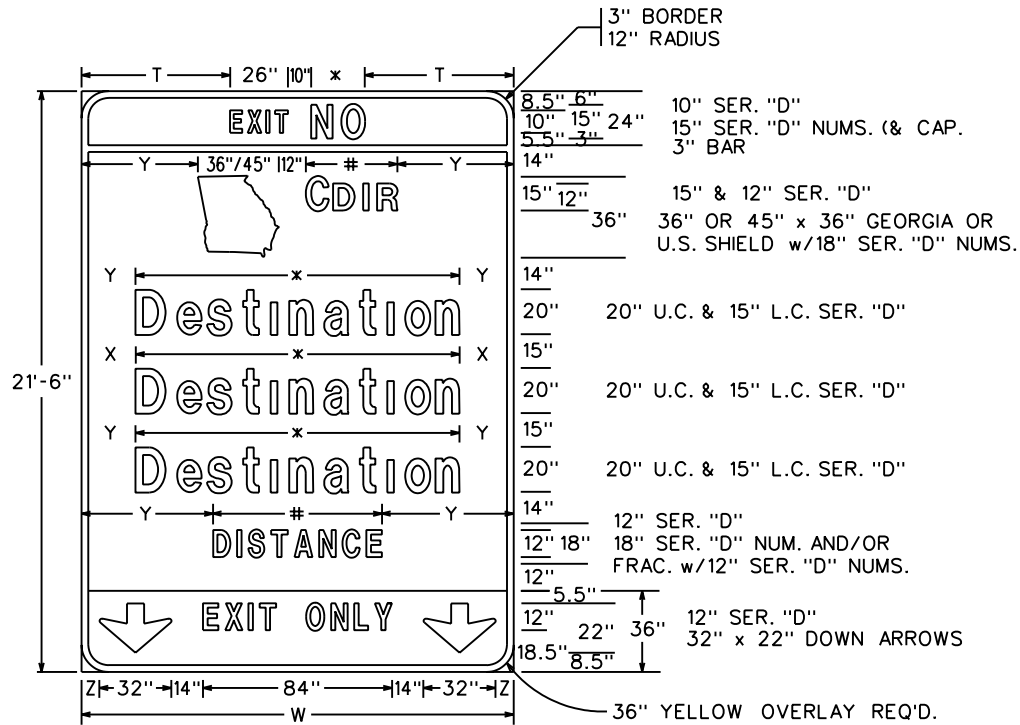
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 70

DETAILS OF ADVANCE LANE DROP SIGNS

- NO SCALE -



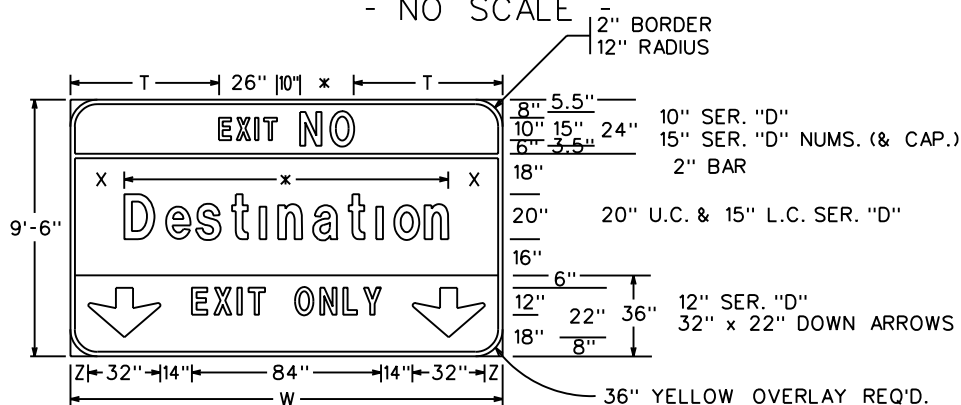
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

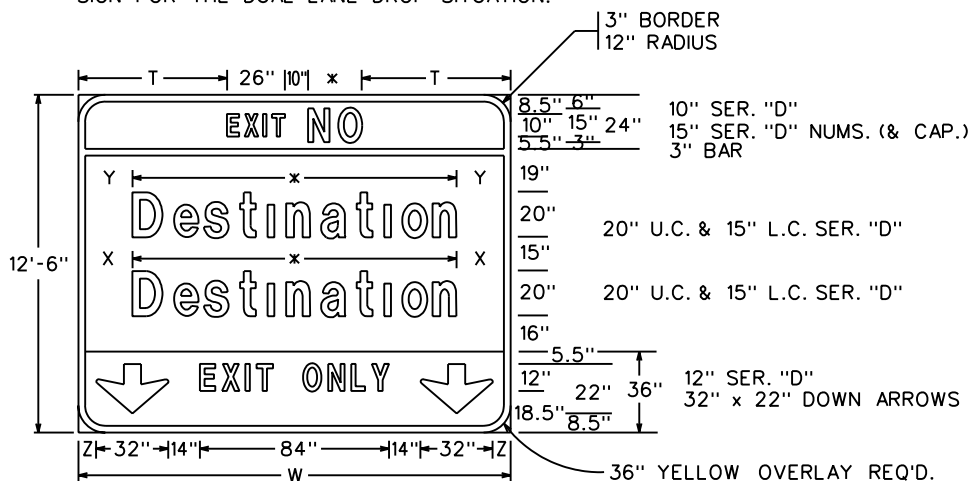
SIGN TEMPLATE 71

DETAILS OF INTERMEDIATE LANE DROP SIGNS

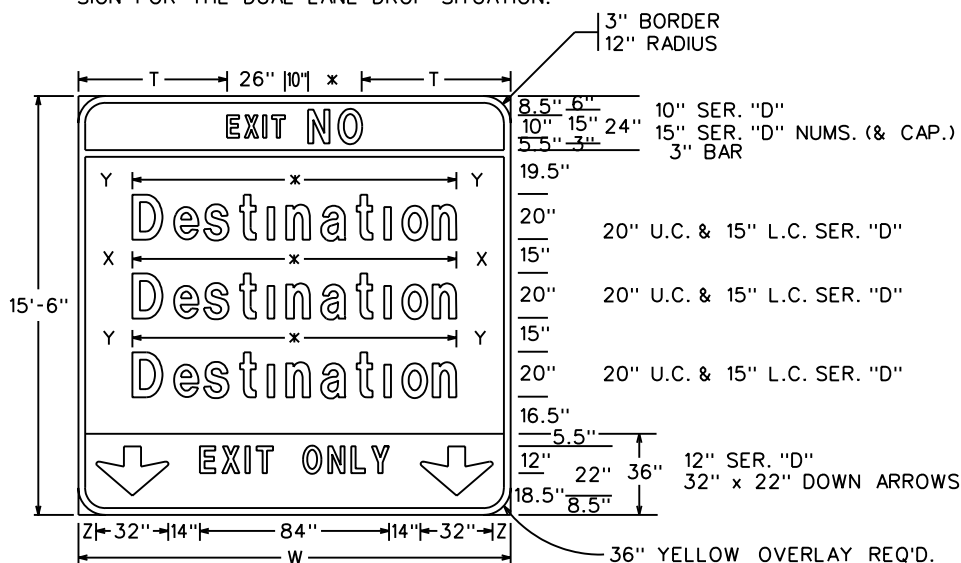
- NO SCALE



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP SITUATION.



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP SITUATION.



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP SITUATION.

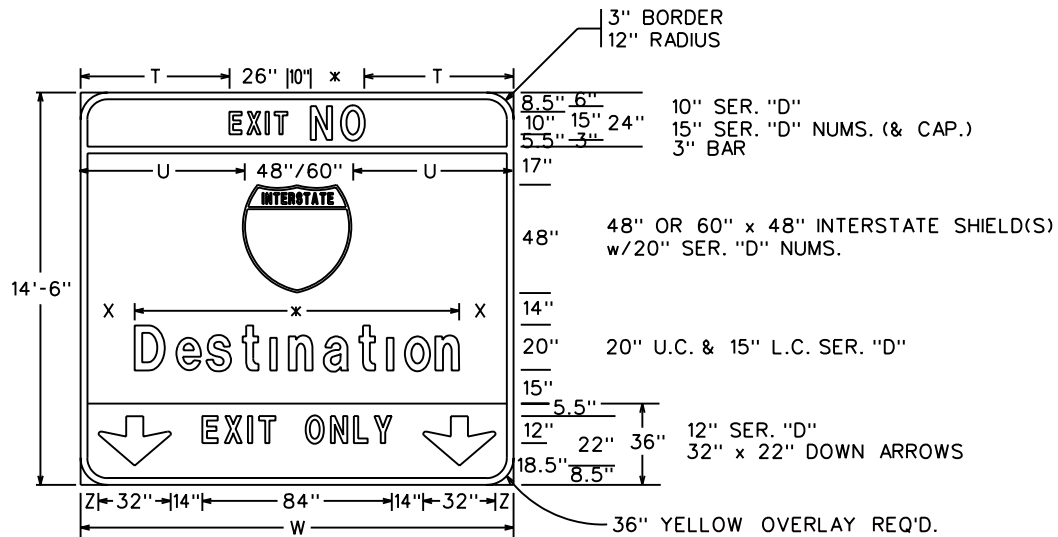
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

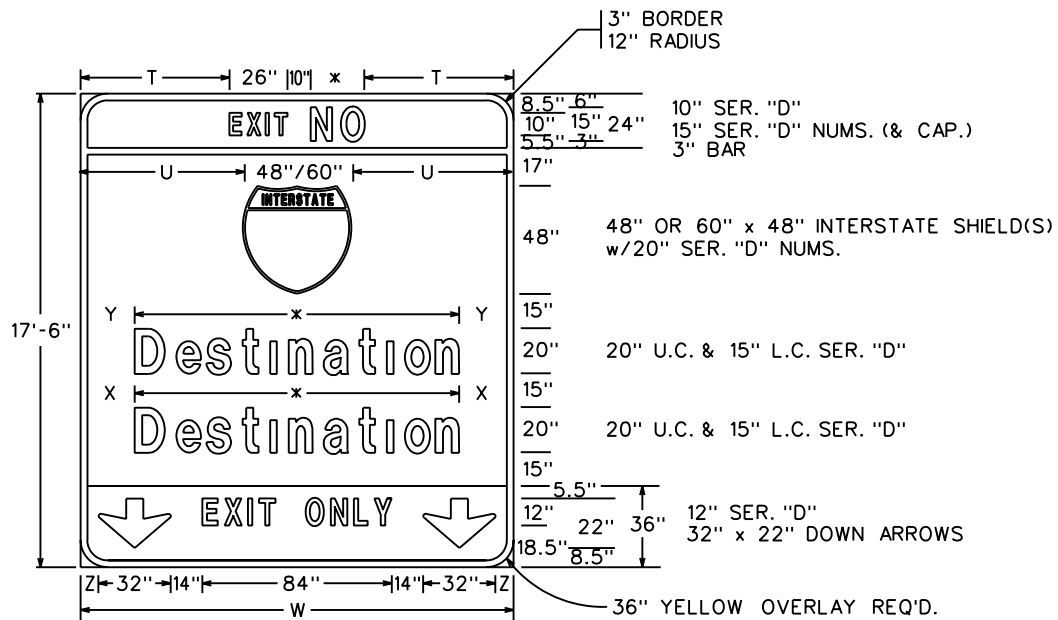
SIGN TEMPLATE 72

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP OPTION.



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP OPTION.

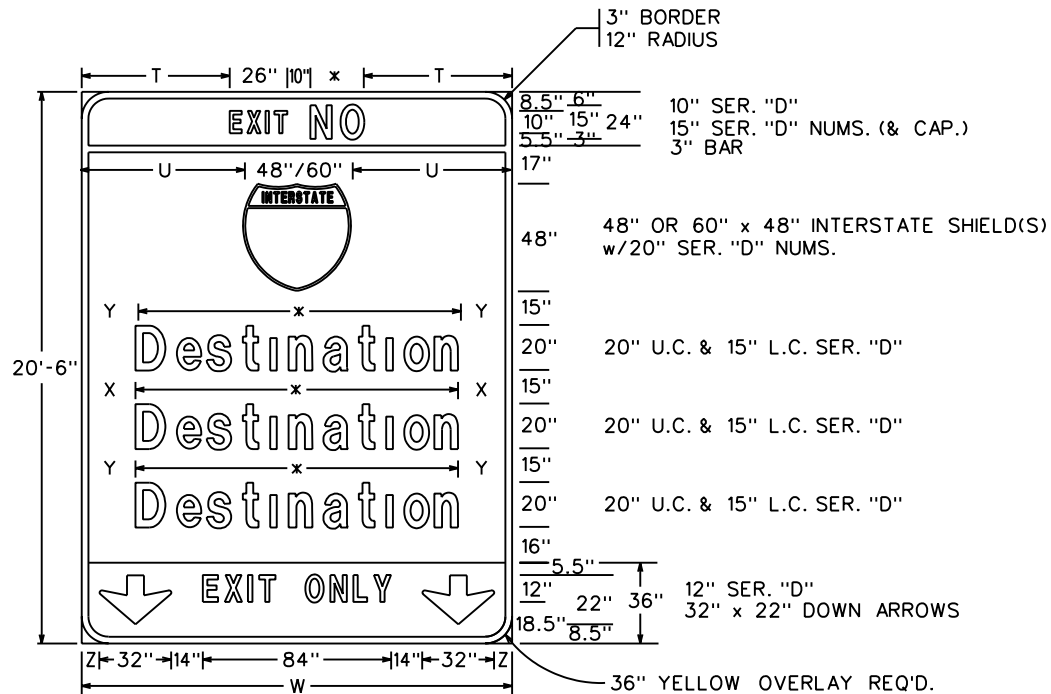
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 73

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP OPTION.

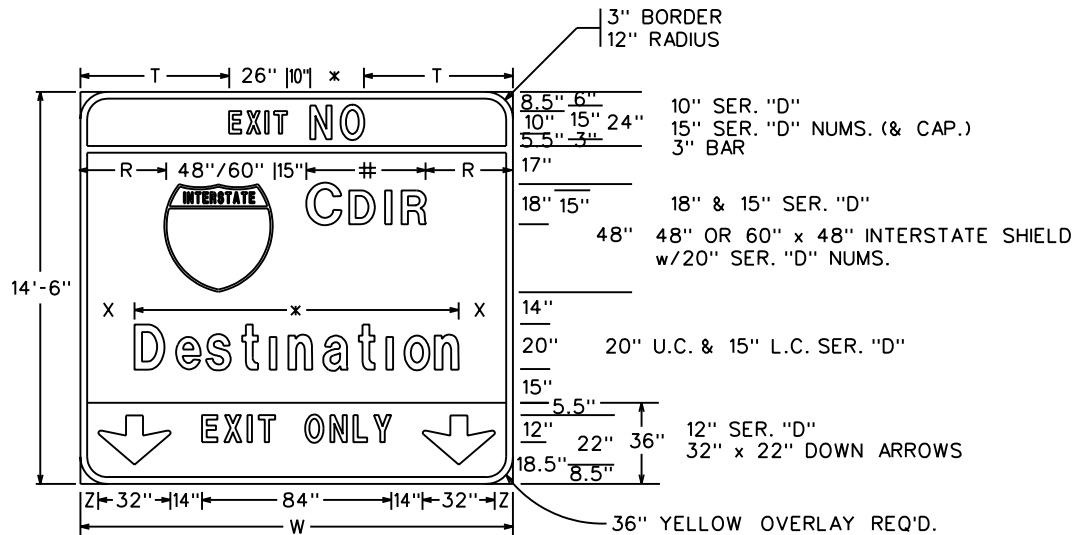
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

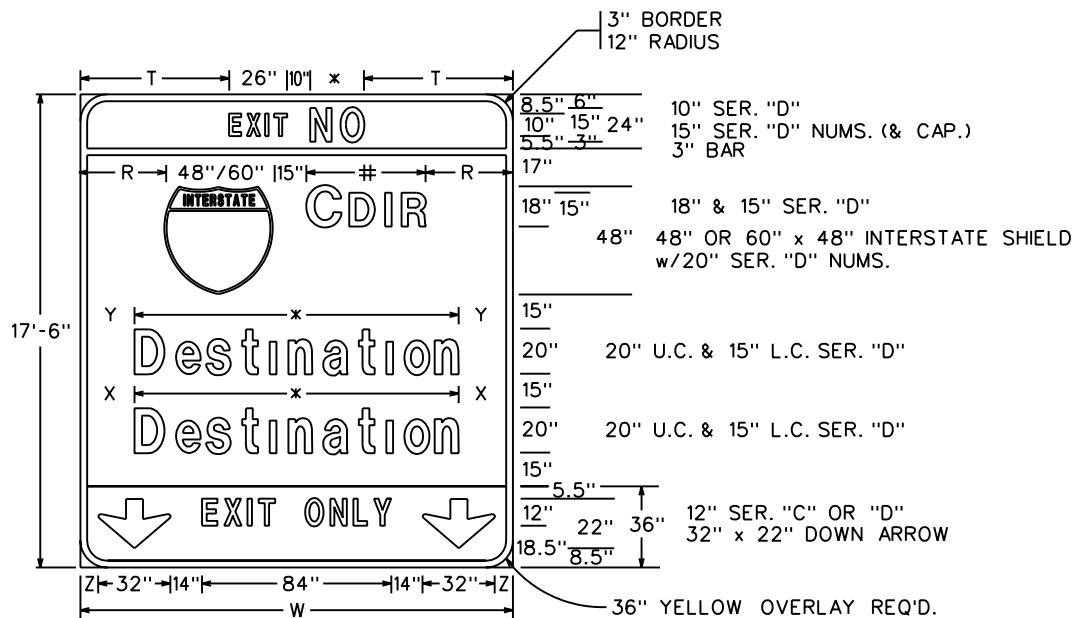
SIGN TEMPLATE 74

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP SITUATION.



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP SITUATION.

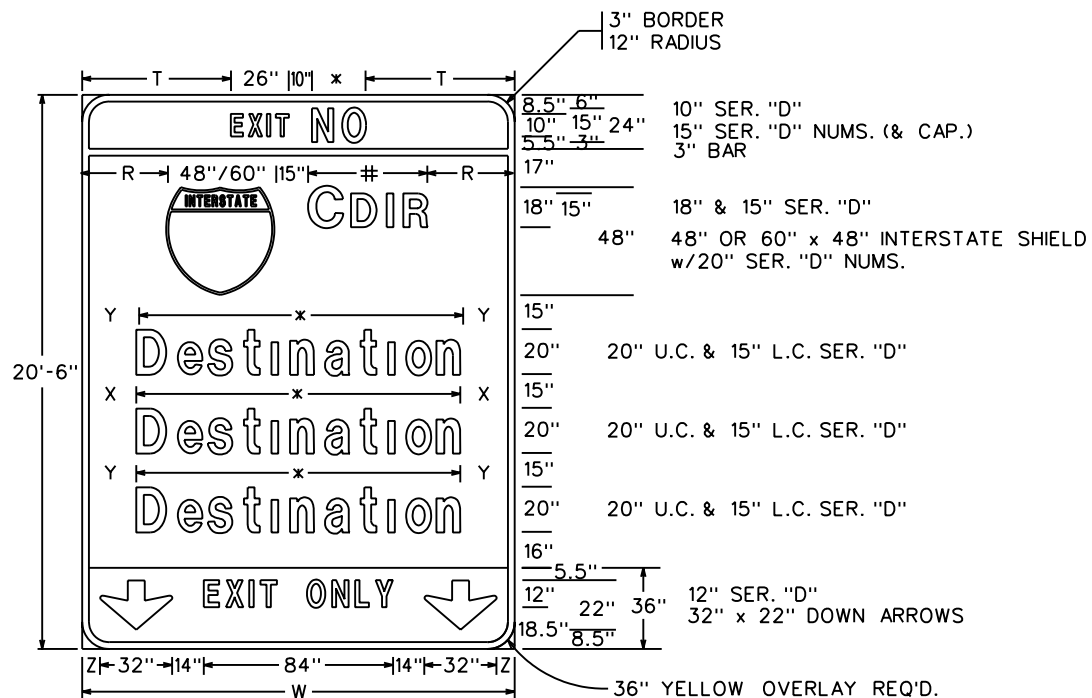
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 75

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP SITUATION.

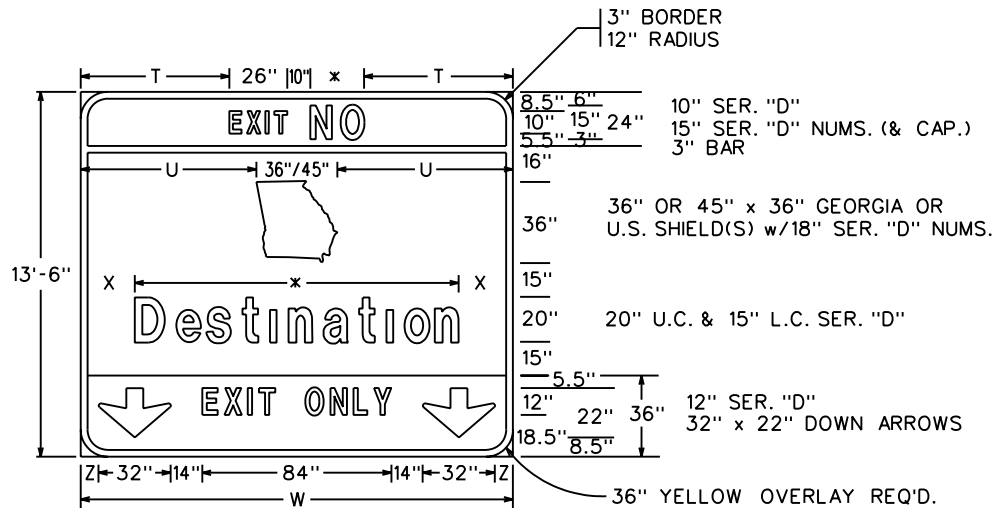
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

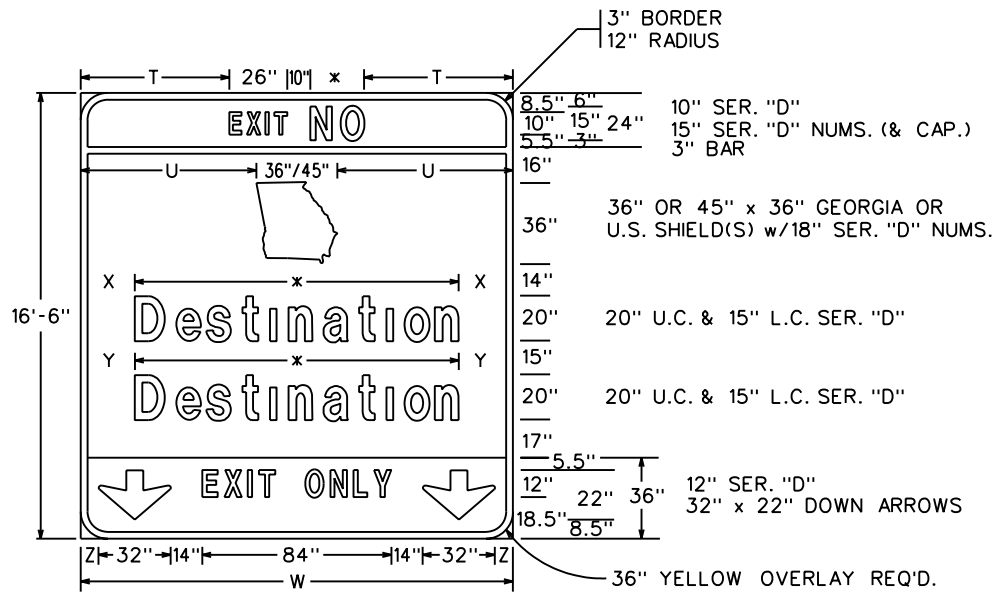
SIGN TEMPLATE 76

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP SITUATION.



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP SITUATION.

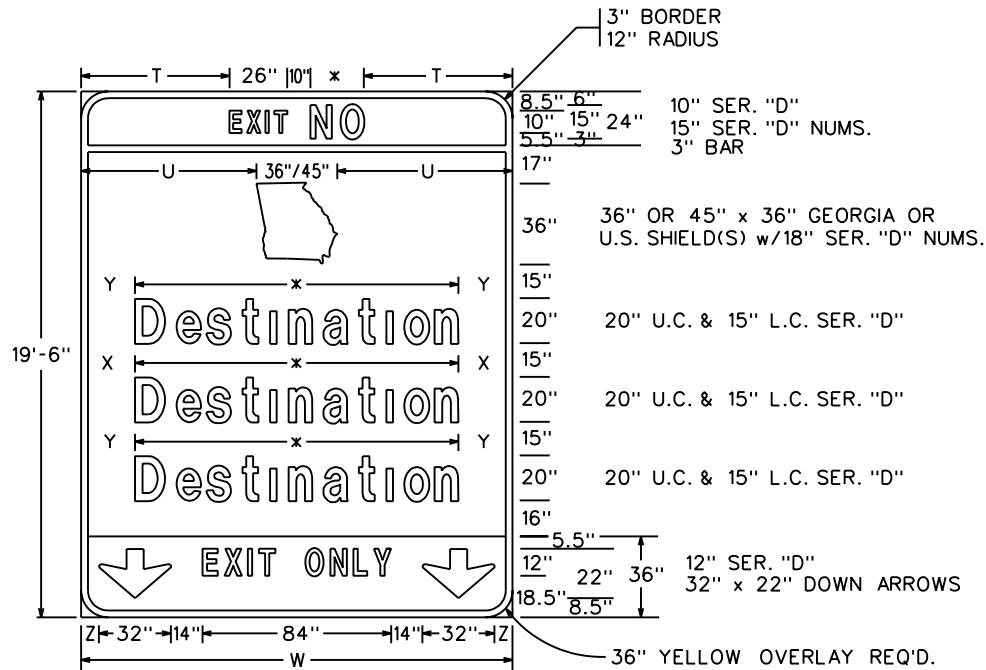
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 77

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:

THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION SIGN FOR THE DUAL LANE DROP SITUATION.

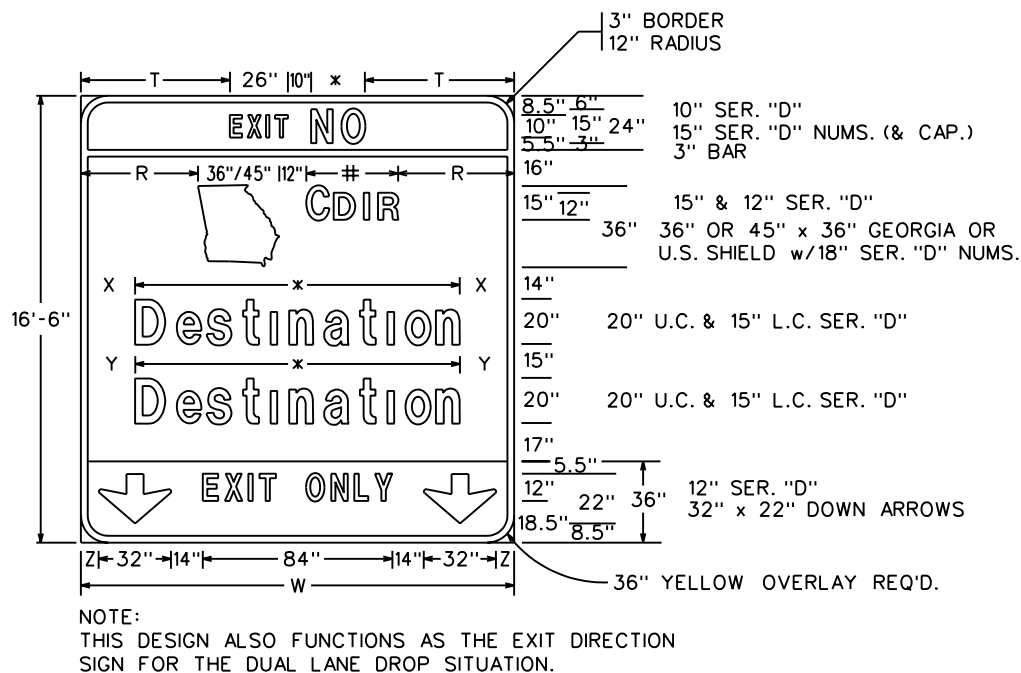
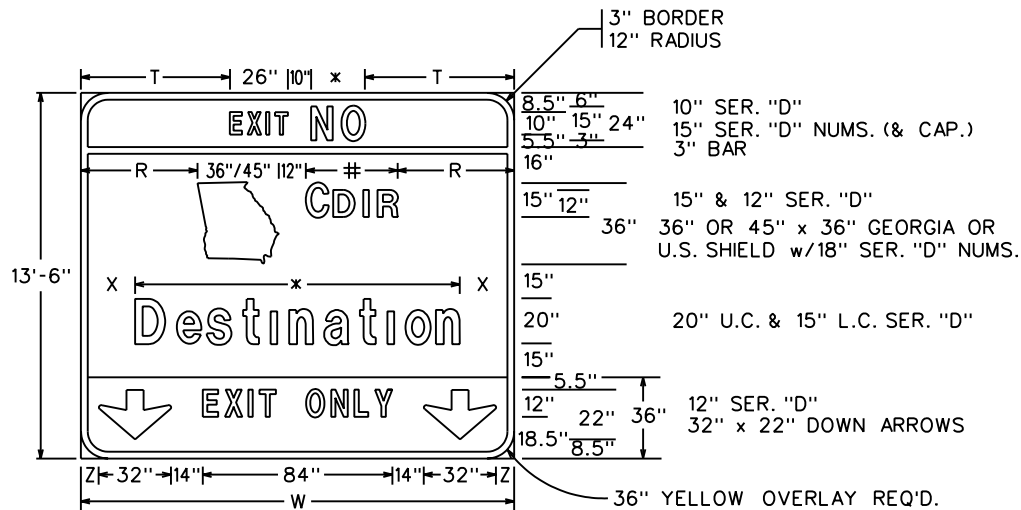
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 78

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



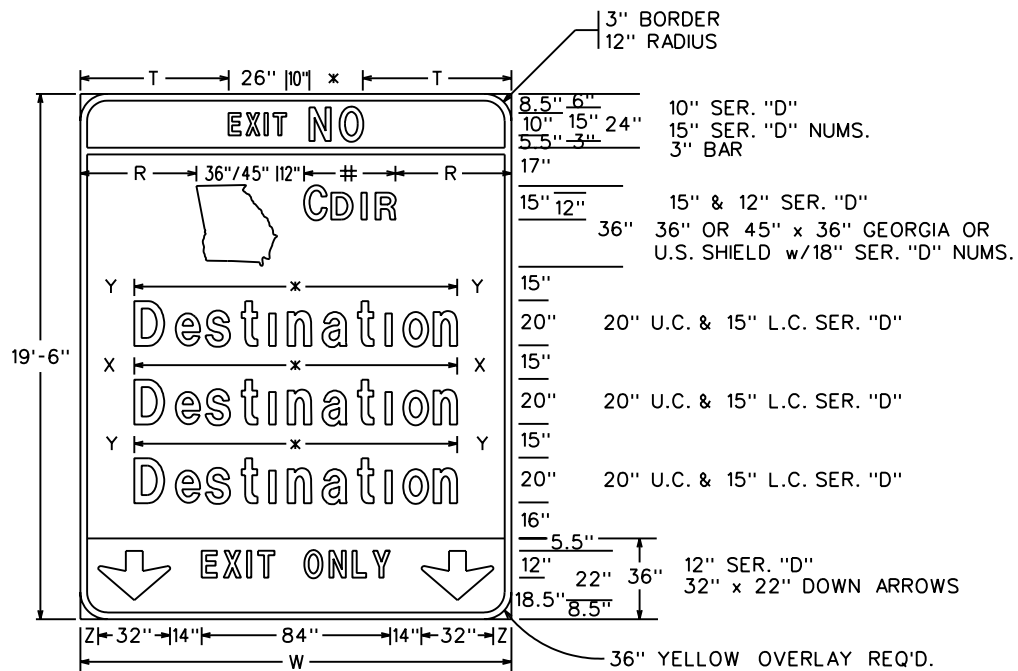
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 79

DETAILS OF INTERMEDIATE LANE DROP SIGNS

- NO SCALE -



NOTE:
THIS DESIGN ALSO FUNCTIONS AS THE EXIT DIRECTION
SIGN FOR THE DUAL LANE DROP SITUATION.

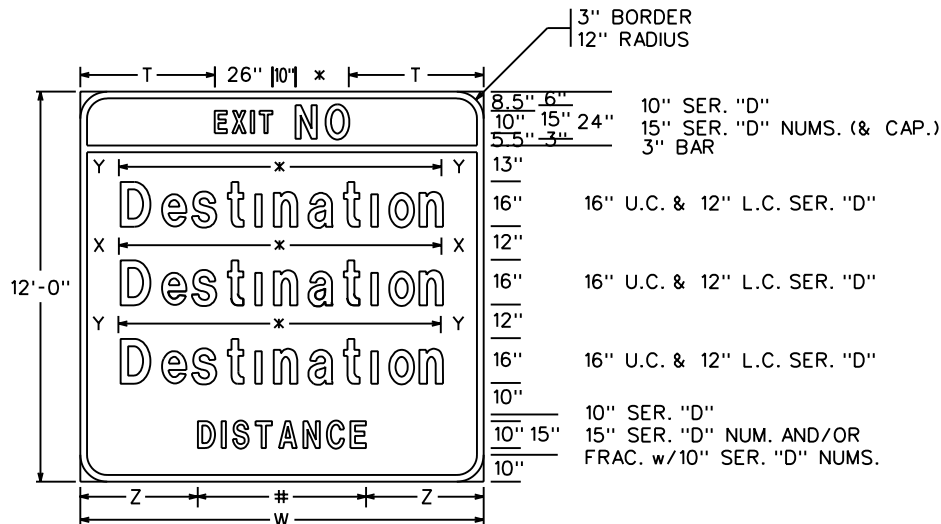
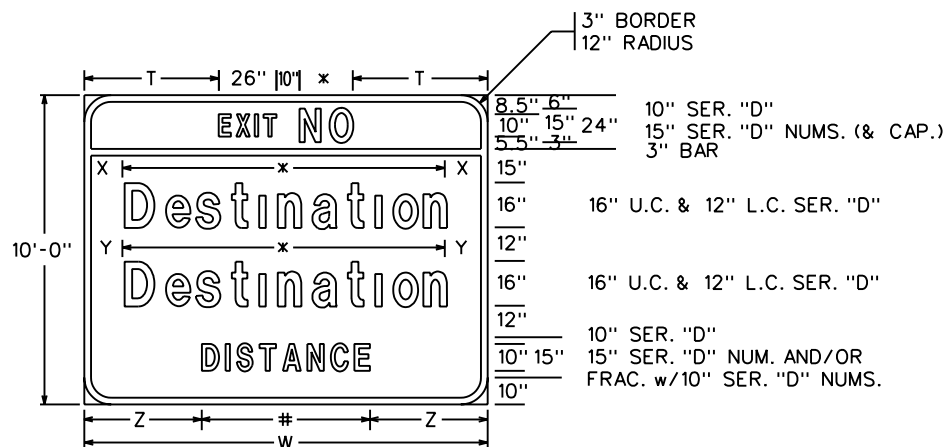
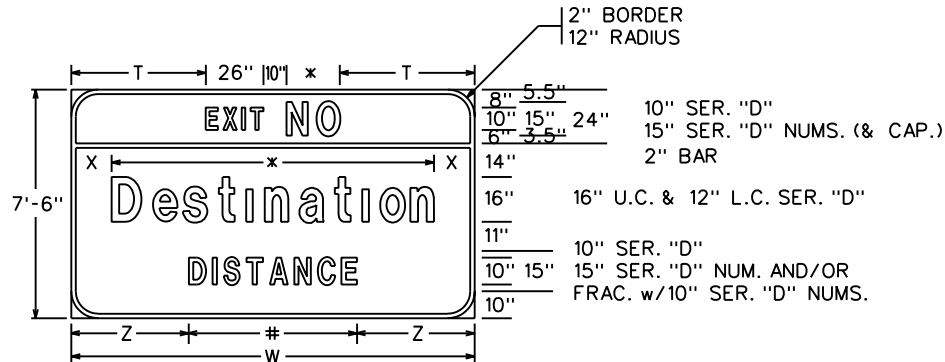
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W 16'-0" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z 8" MINIMUM, VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SIGN TEMPLATE 80

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



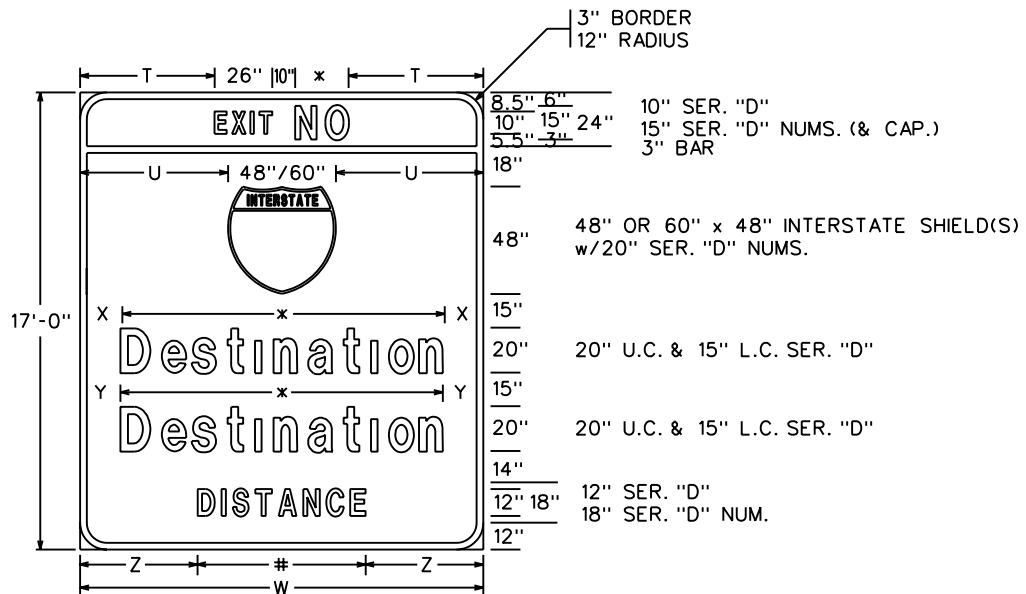
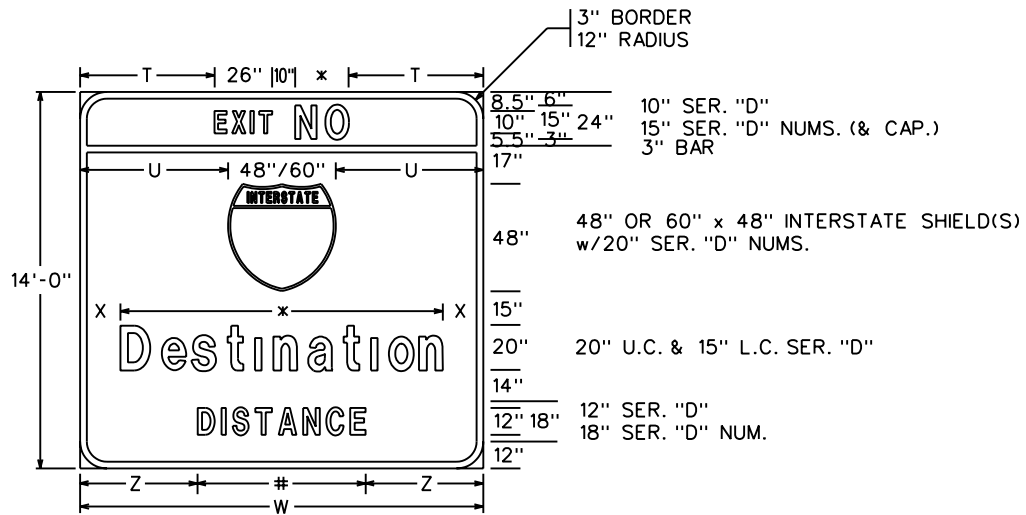
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 12" MINIMUM, 16" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (10" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 81

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



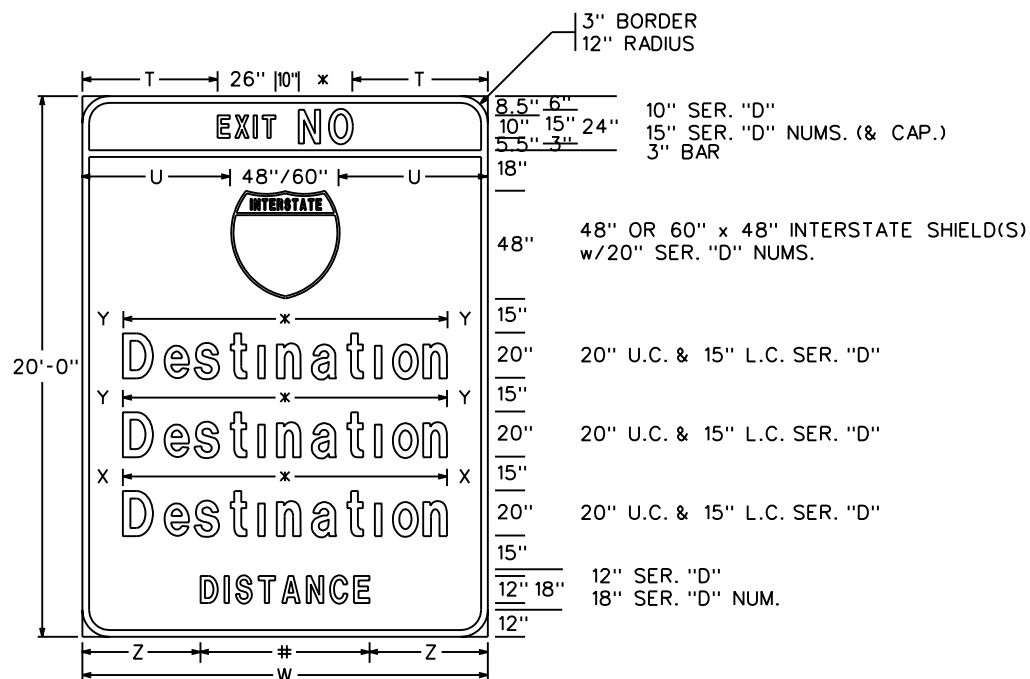
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (24" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 82

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



NOTE:

USE THIS DETAIL ONLY FOR THE TWO-MILE GROUND MOUNTED ADVANCE SIGN FOR INTERSTATE TO INTERSTATE INTERCHANGES.

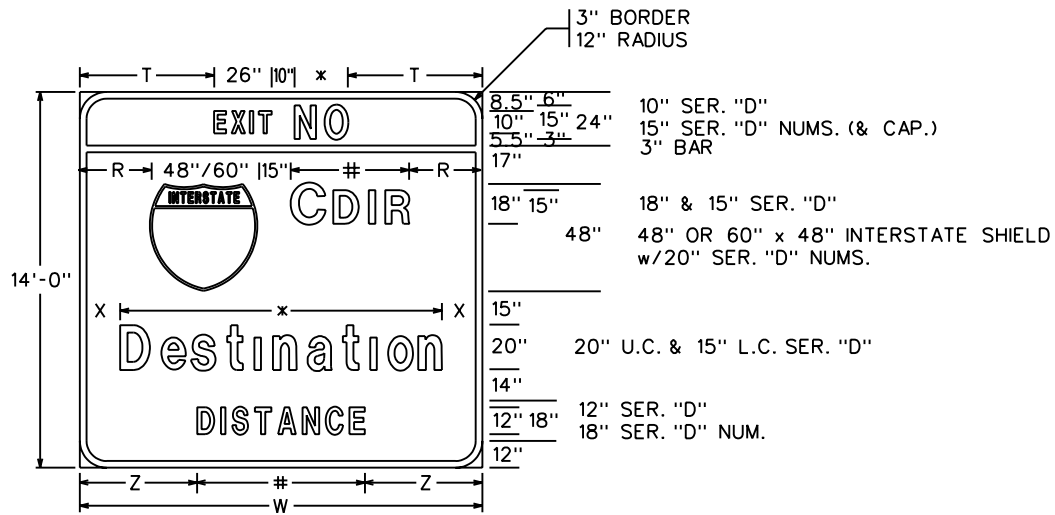
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

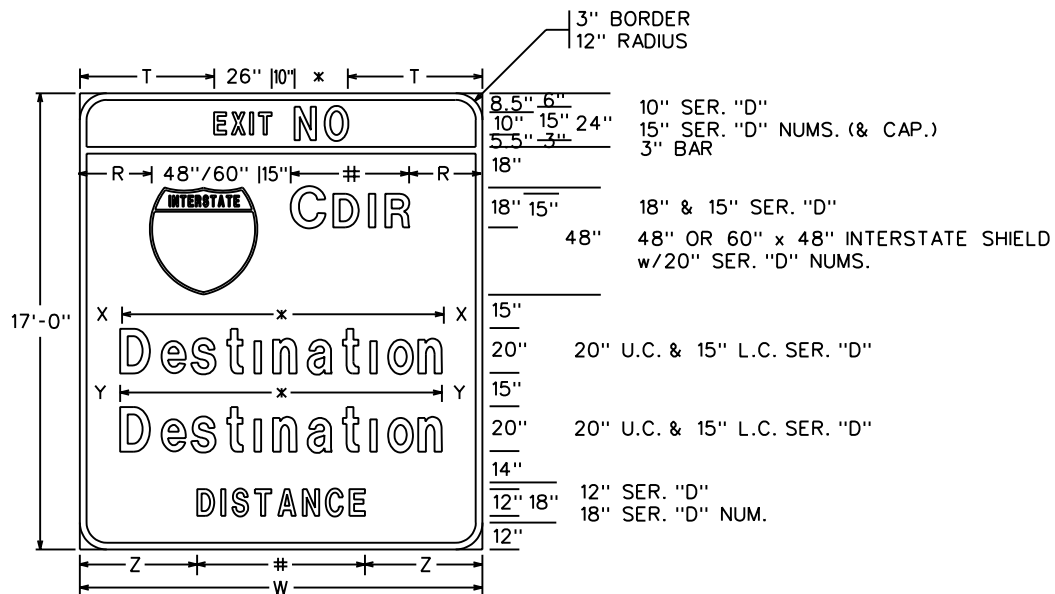
SIGN TEMPLATE 83

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



NOTE:
USE THIS DETAIL ONLY FOR THE TWO-MILE GROUND MOUNTED
ADVANCE SIGN FOR INTERSTATE TO INTERSTATE INTERCHANGES.



NOTE:
USE THIS DETAIL ONLY FOR THE TWO-MILE GROUND MOUNTED
ADVANCE SIGN FOR INTERSTATE TO INTERSTATE INTERCHANGES.

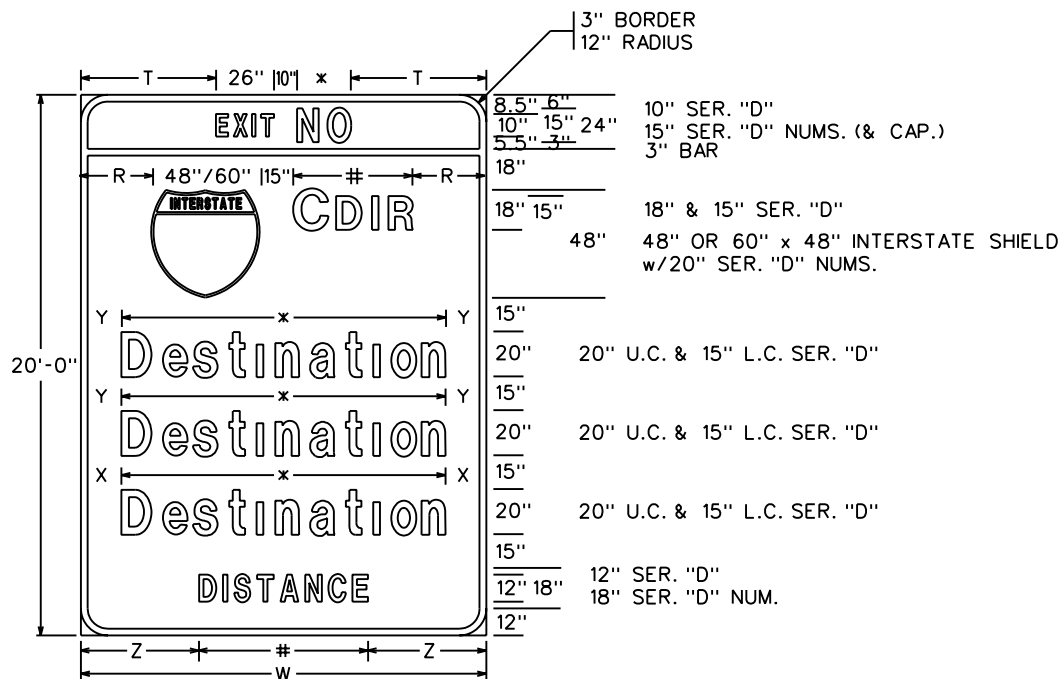
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 84

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



NOTE:

USE THIS DETAIL ONLY FOR THE TWO-MILE GROUND MOUNTED
ADVANCE SIGN FOR INTERSTATE TO INTERSTATE INTERCHANGES.

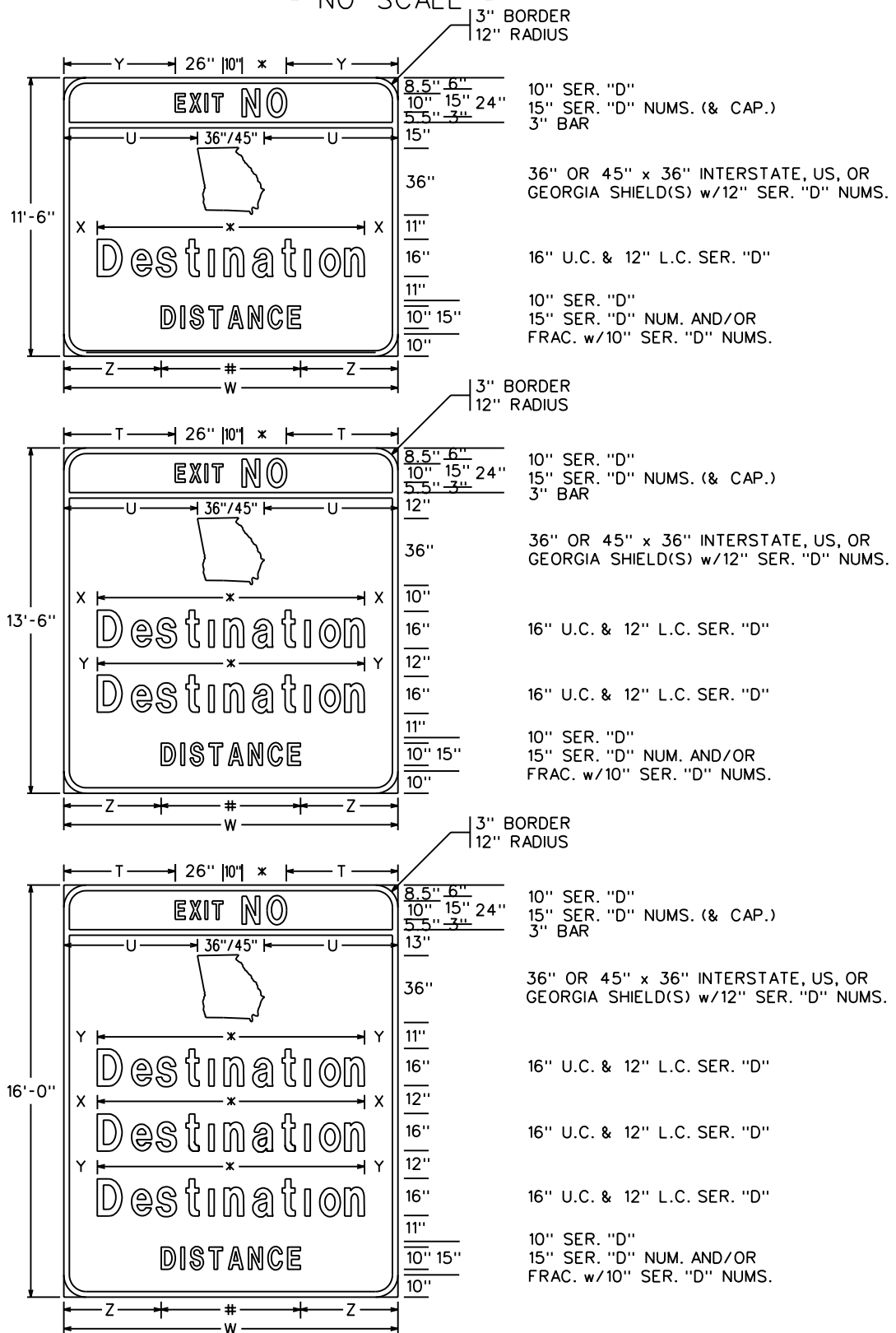
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (24" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 15" MINIMUM, 20" MAXIMUM (FOR GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 85

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



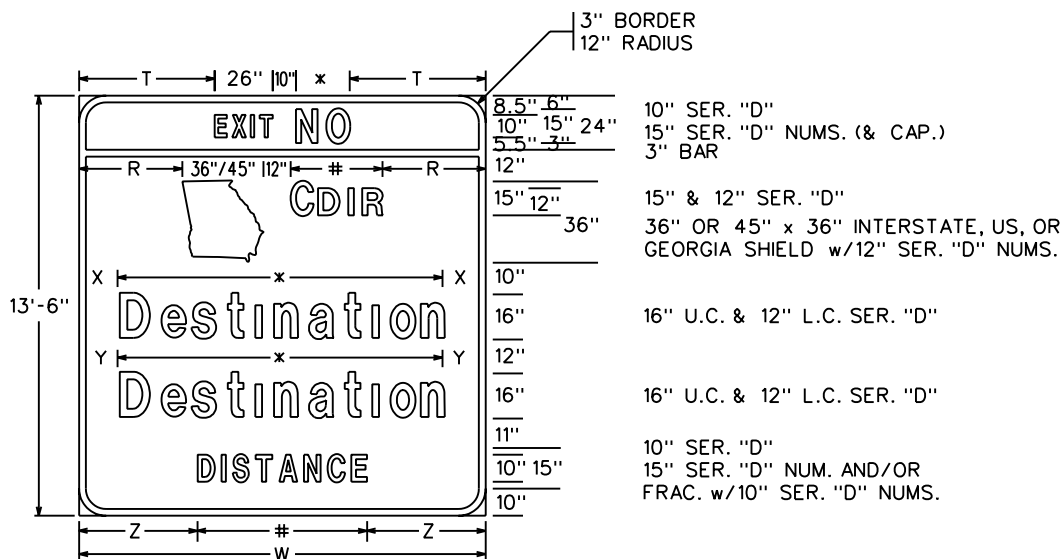
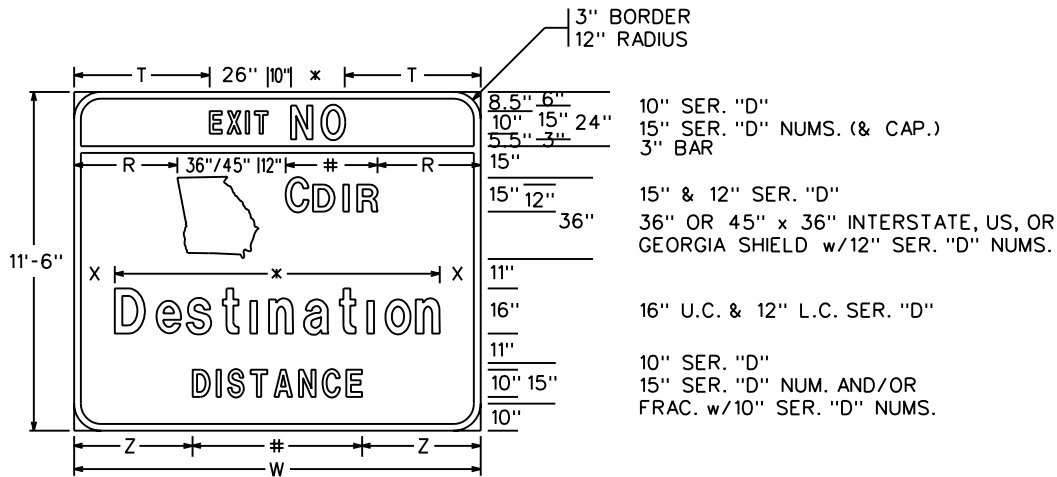
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 12" MINIMUM, 16" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (10" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 86

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



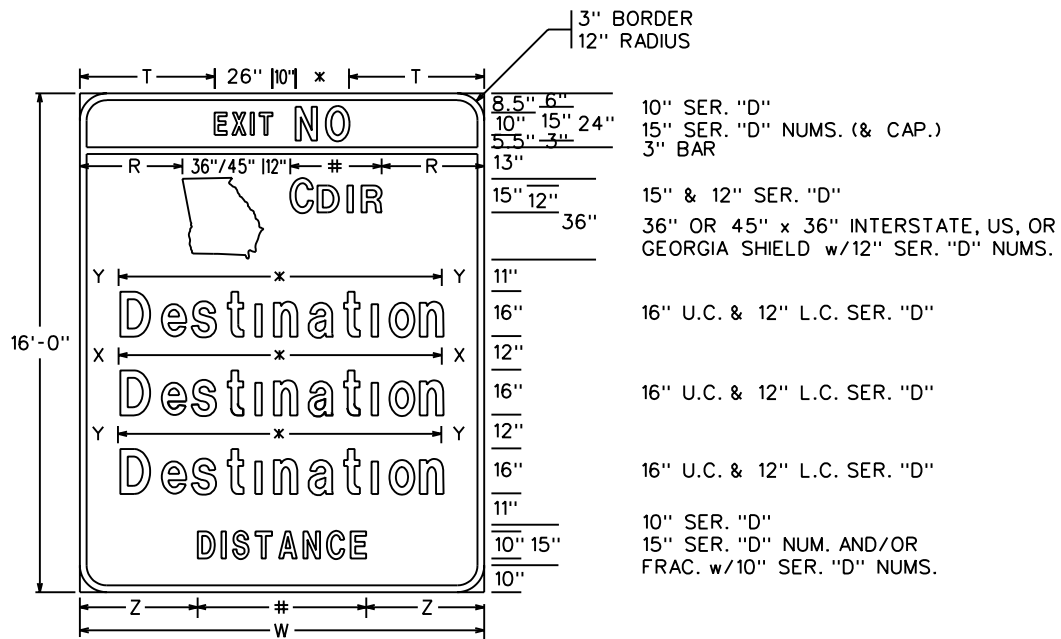
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 12" MINIMUM, 16" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (10" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 87

DETAILS OF ADVANCE GUIDE SIGNS

- NO SCALE -



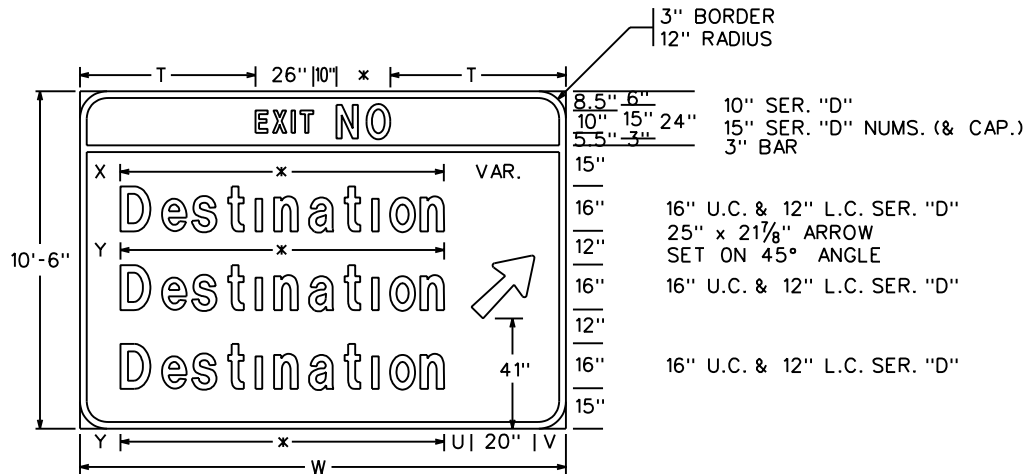
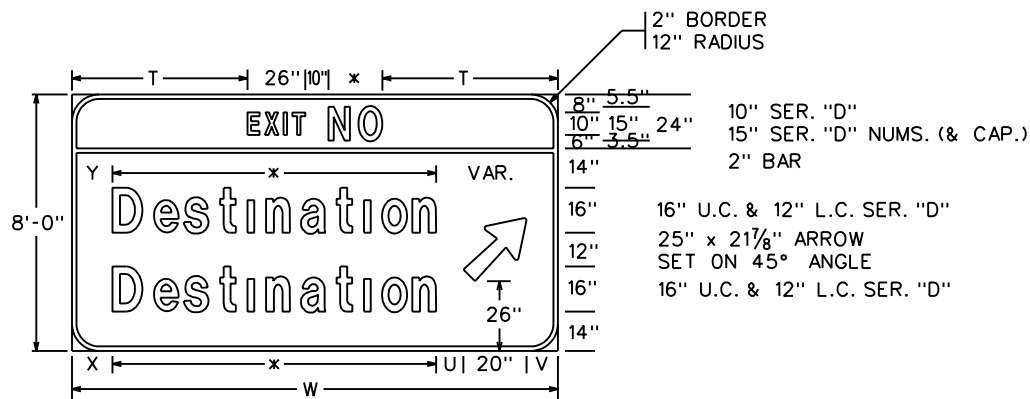
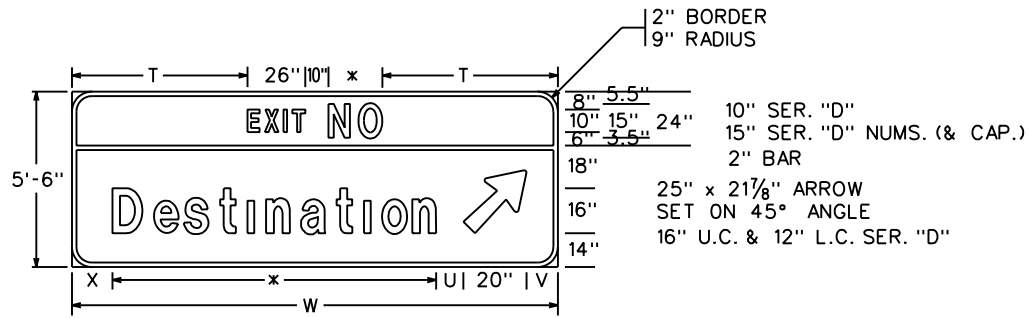
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 12" MINIMUM, 16" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (10" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 88

DETAILS OF EXIT DIRECTION SIGNS

- NO SCALE -



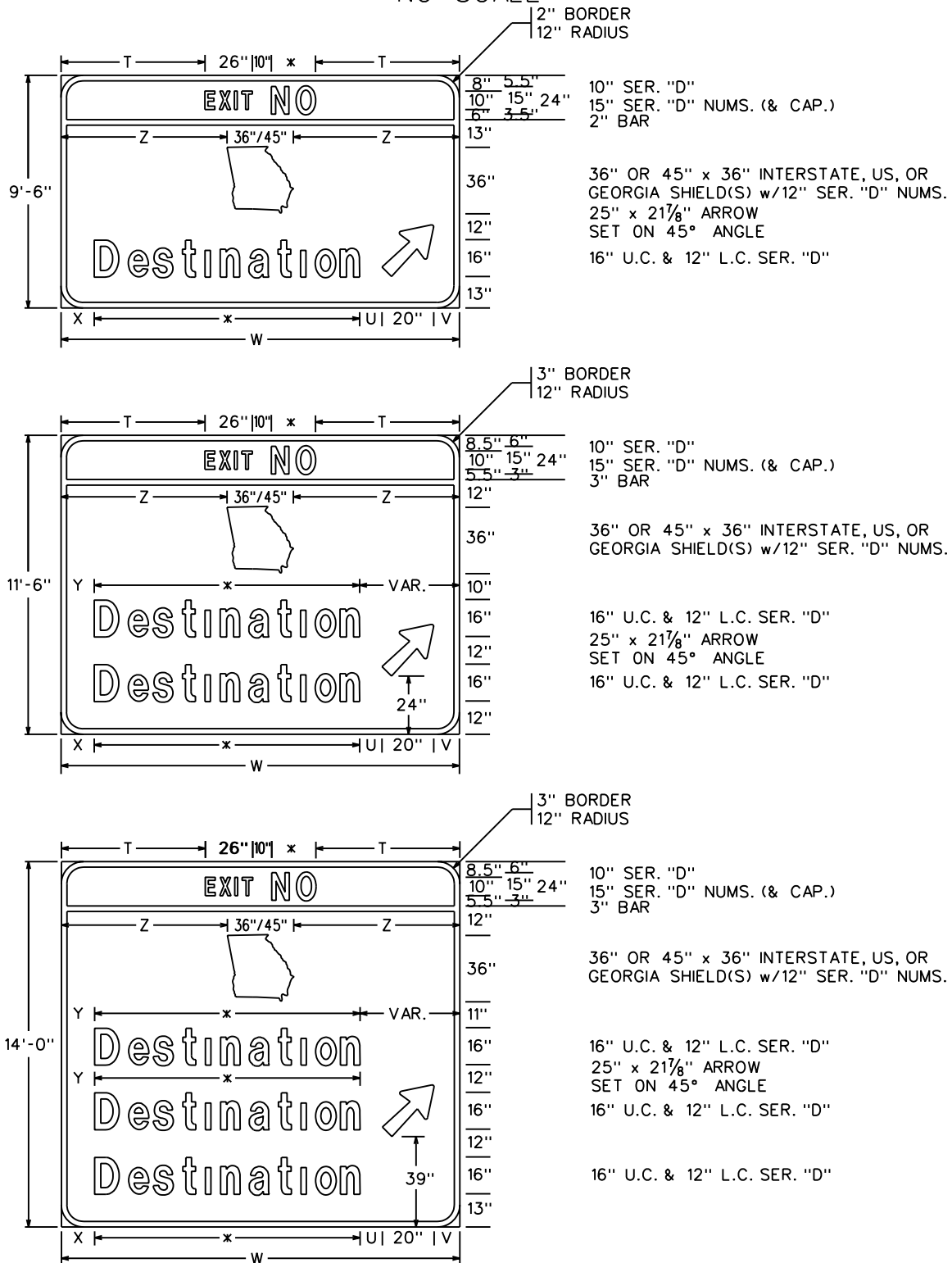
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 11" MINIMUM
- V VARIABLE, 12" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 12" MINIMUM, 16" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY

SIGN TEMPLATE 89

DETAILS OF EXIT DIRECTION SIGNS

- NO SCALE -

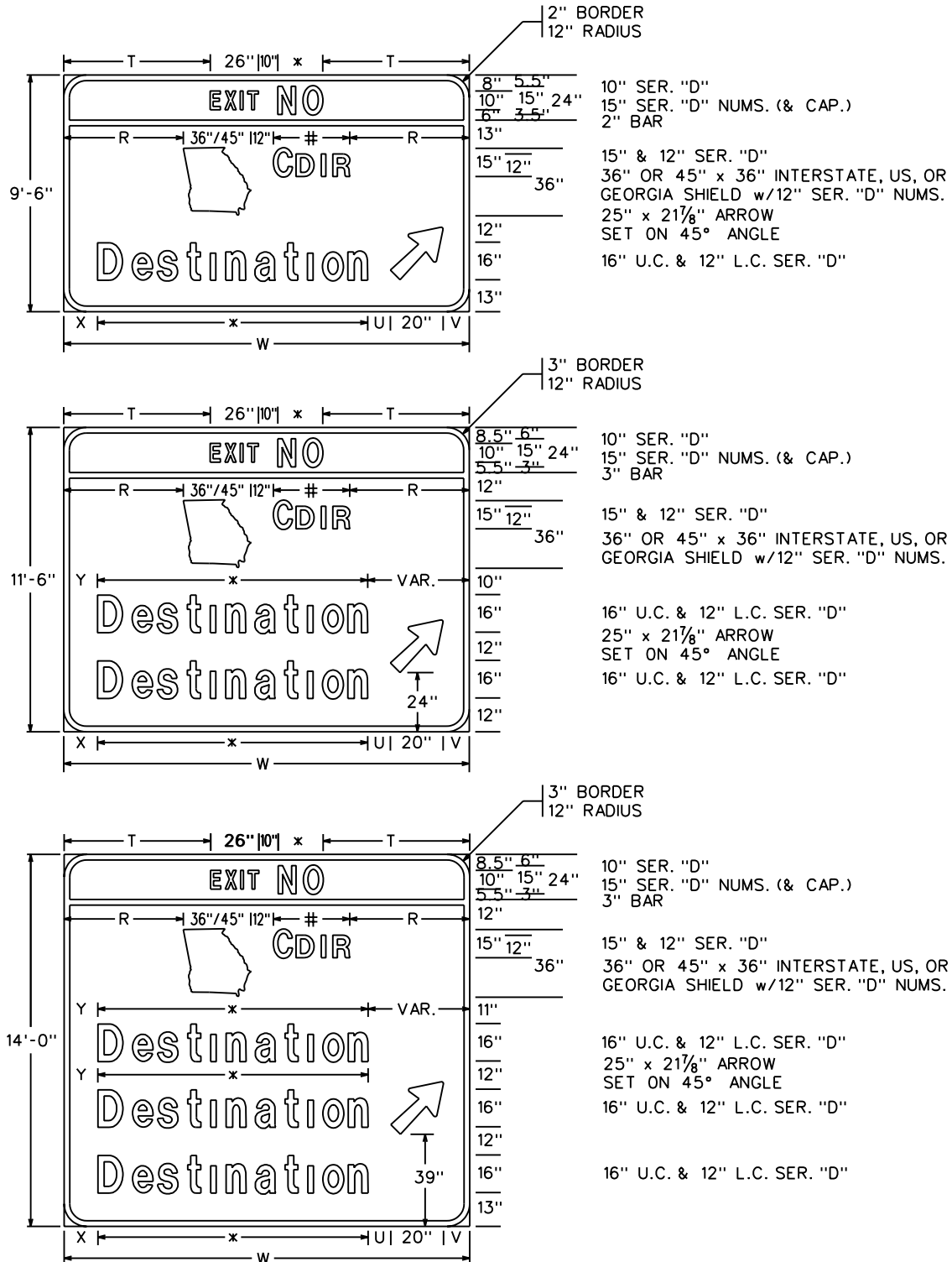


LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 11" MINIMUM
- V VARIABLE, 12" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 12" MINIMUM, 16" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY
- Z DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 90 DETAILS OF EXIT DIRECTION SIGNS

- NO SCALE -



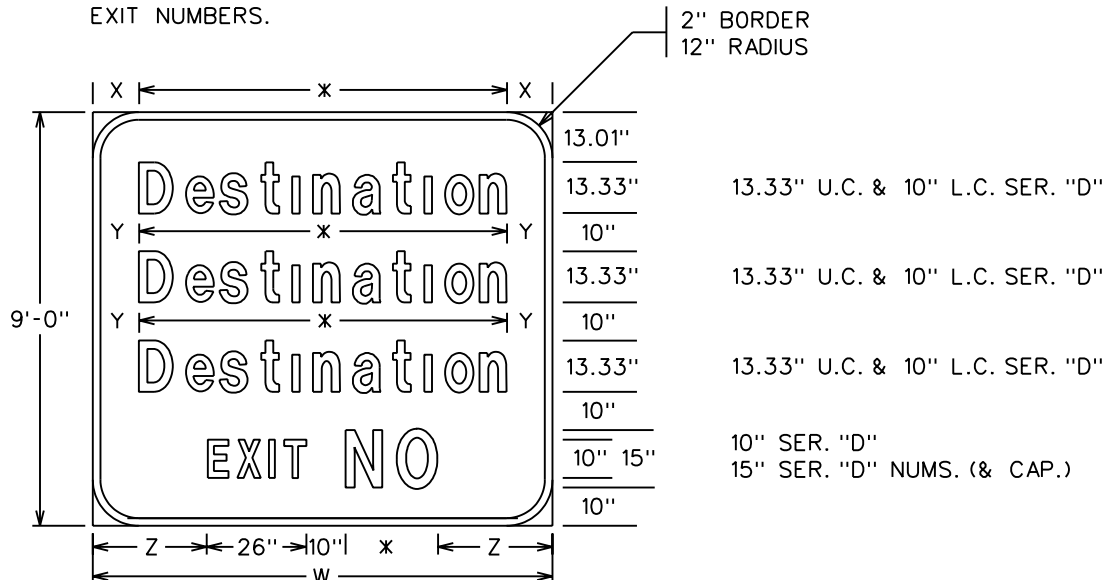
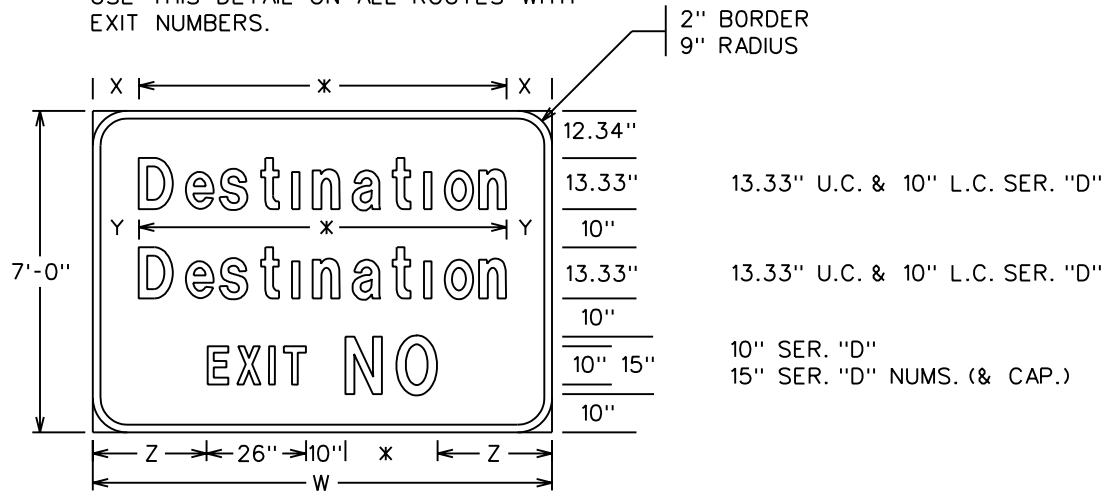
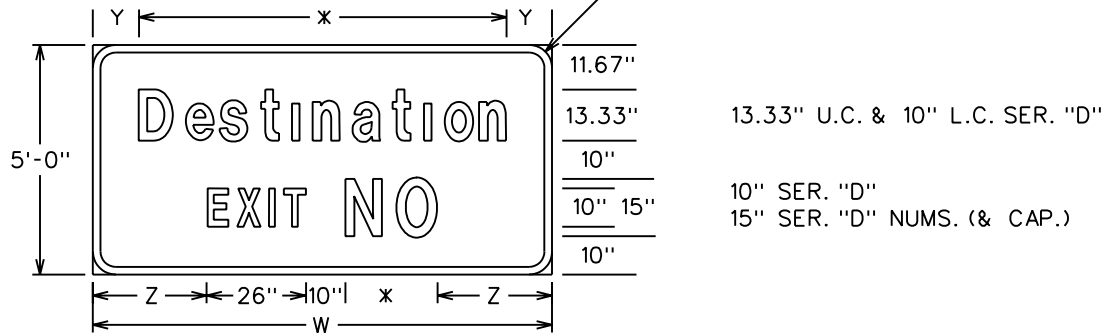
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- # SEE CHART FOR COMMON LEGENDS
- R DETERMINED BY CENTERING LEGEND (18" MINIMUM IF GOVERNING LINE OF COPY)
- T DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)
- U VARIABLE, 11" MINIMUM
- V VARIABLE, 12" MINIMUM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE, 12" MINIMUM, 16" MAXIMUM (IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND ON GOVERNING LINE OF COPY

SIGN TEMPLATE 91 DETAILS OF SUPPLEMENTAL SIGNS

- NO SCALE -

2" BORDER
6" RADIUS

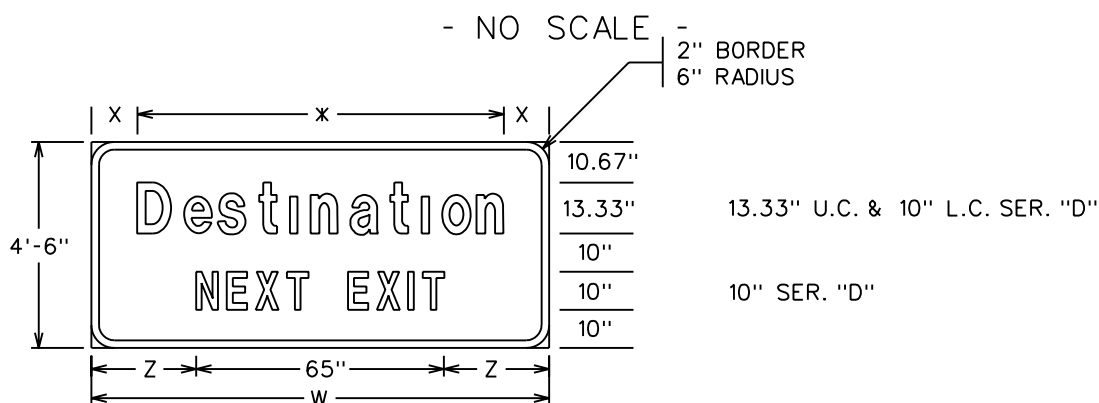


LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE (10" MINIMUM, 13" MAXIMUM IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)

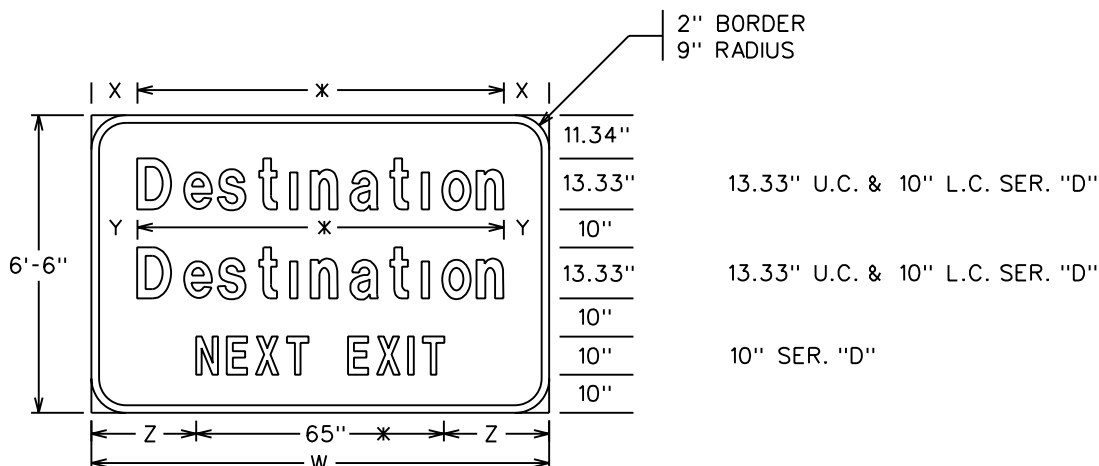
SIGN TEMPLATE 92 DETAILS OF SUPPLEMENTAL SIGNS

- NO SCALE -



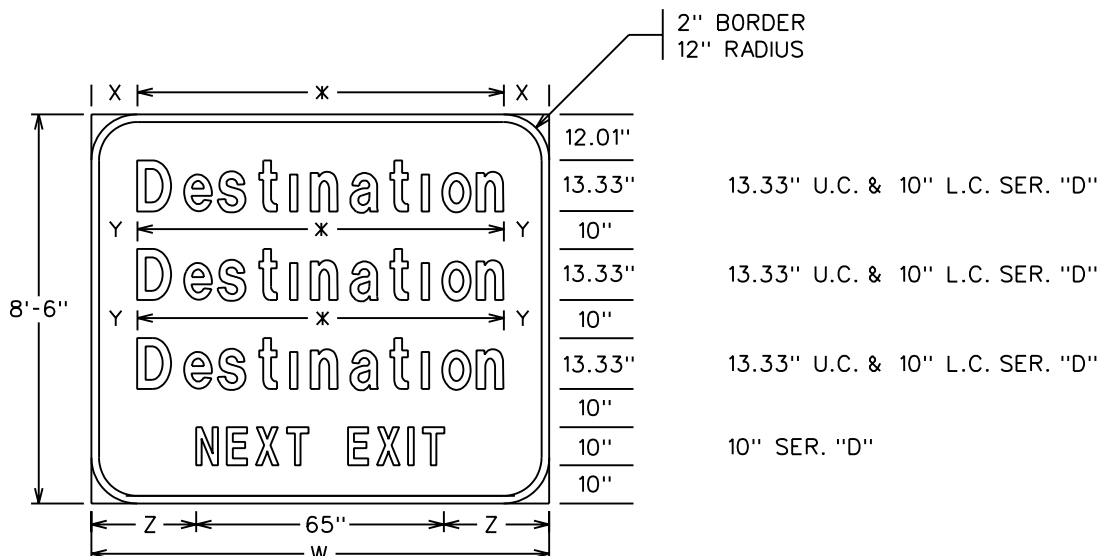
NOTE:

USE THIS DETAIL ON ALL ROUTES WITHOUT EXIT NUMBERS FOR SINGLE EXIT INTERCHANGES AND FOR THE FIRST EXIT AT DUAL EXIT INTERCHANGES.



NOTE:

USE THIS DETAIL ON ALL ROUTES WITHOUT EXIT NUMBERS FOR SINGLE EXIT INTERCHANGES AND FOR THE FIRST EXIT AT DUAL EXIT INTERCHANGES.



NOTE:

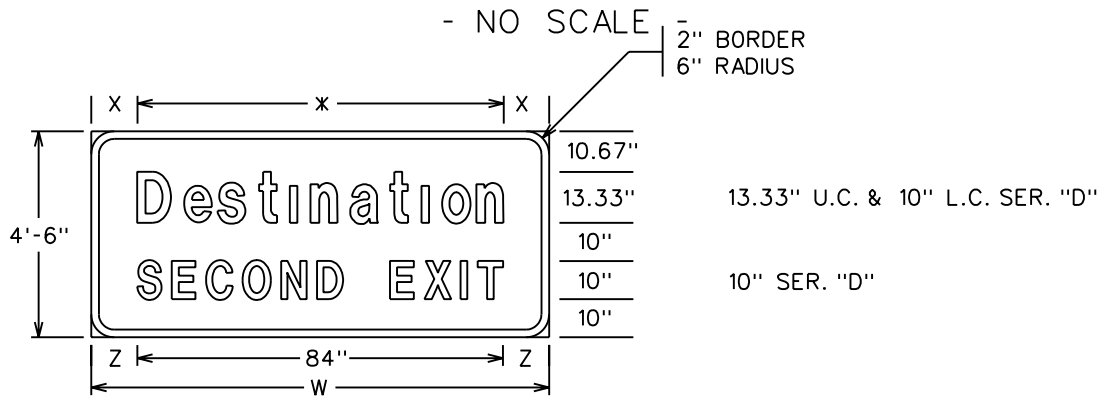
USE THIS DETAIL ON ALL ROUTES WITHOUT EXIT NUMBERS FOR SINGLE EXIT INTERCHANGES AND FOR THE FIRST EXIT AT DUAL EXIT INTERCHANGES.

LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE (10" MINIMUM, 13" MAXIMUM IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12.5" IF GOVERNING LINE OF COPY)

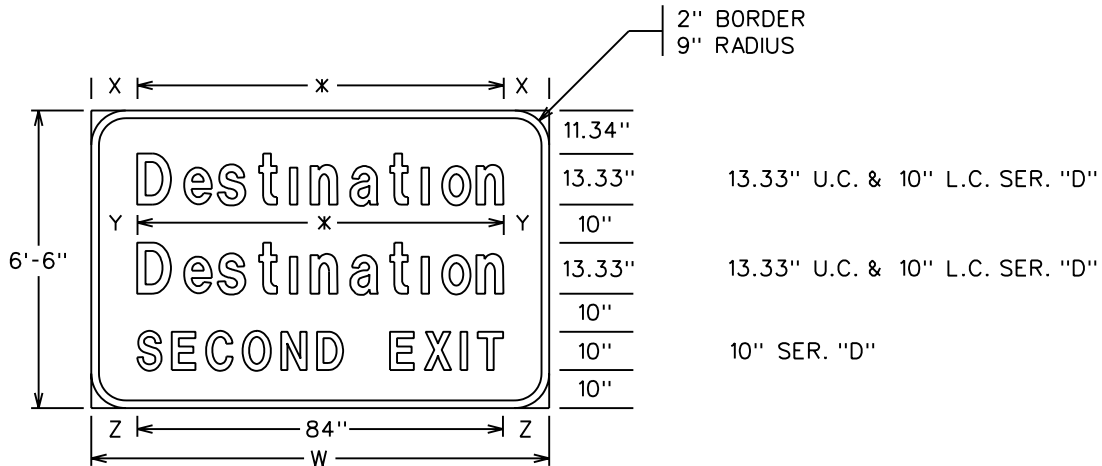
SIGN TEMPLATE 93 DETAILS OF SUPPLEMENTAL SIGNS

- NO SCALE



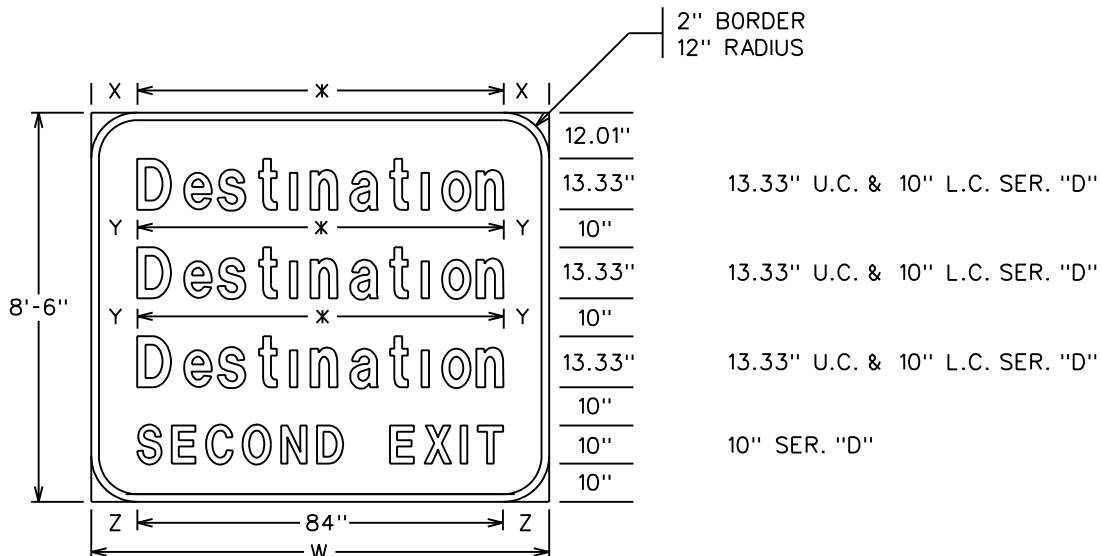
NOTE:

USE THIS DETAIL ON ALL ROUTES WITHOUT EXIT NUMBERS
FOR THE SECOND EXIT AT DUAL EXIT INTERCHANGES.



NOTE:

USE THIS DETAIL ON ALL ROUTES WITHOUT EXIT NUMBERS
FOR THE SECOND EXIT AT DUAL EXIT INTERCHANGES.



NOTE:

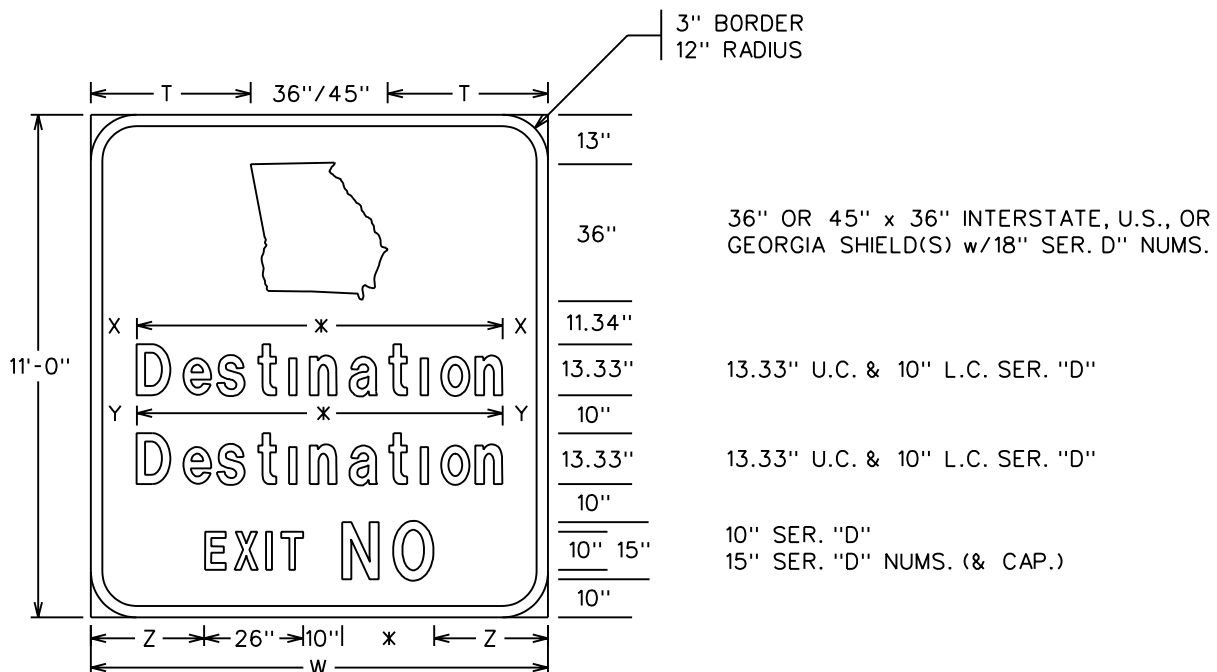
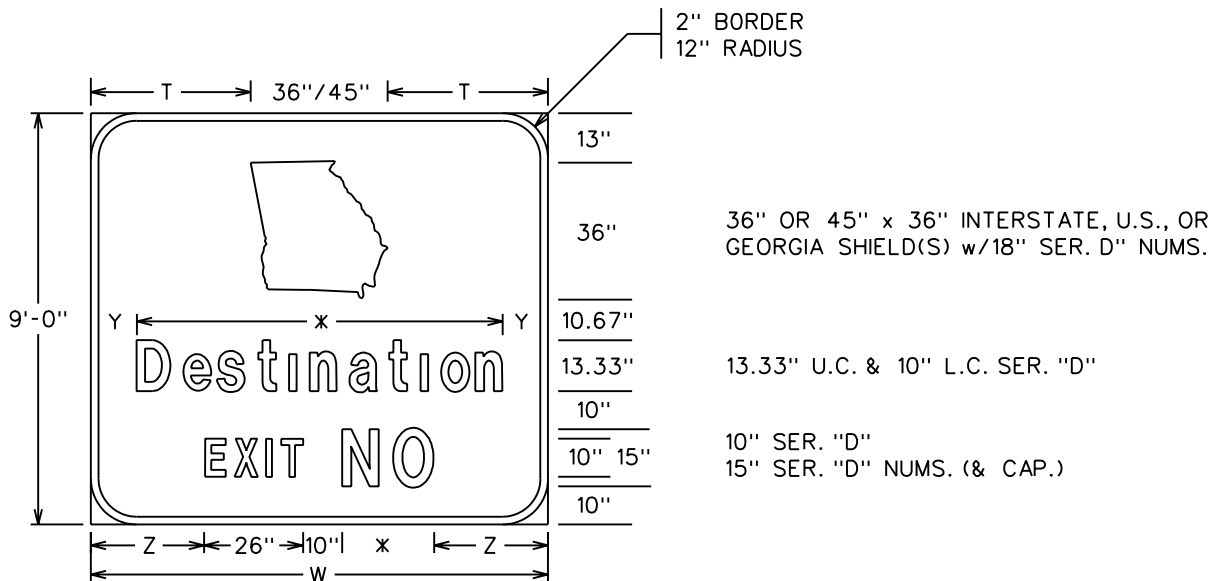
USE THIS DETAIL ON ALL ROUTES WITHOUT EXIT NUMBERS
FOR THE SECOND EXIT AT DUAL EXIT INTERCHANGES.

LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE (10" MINIMUM, 13" MAXIMUM IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12" IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 94 DETAILS OF SUPPLEMENTAL SIGNS

- NO SCALE -



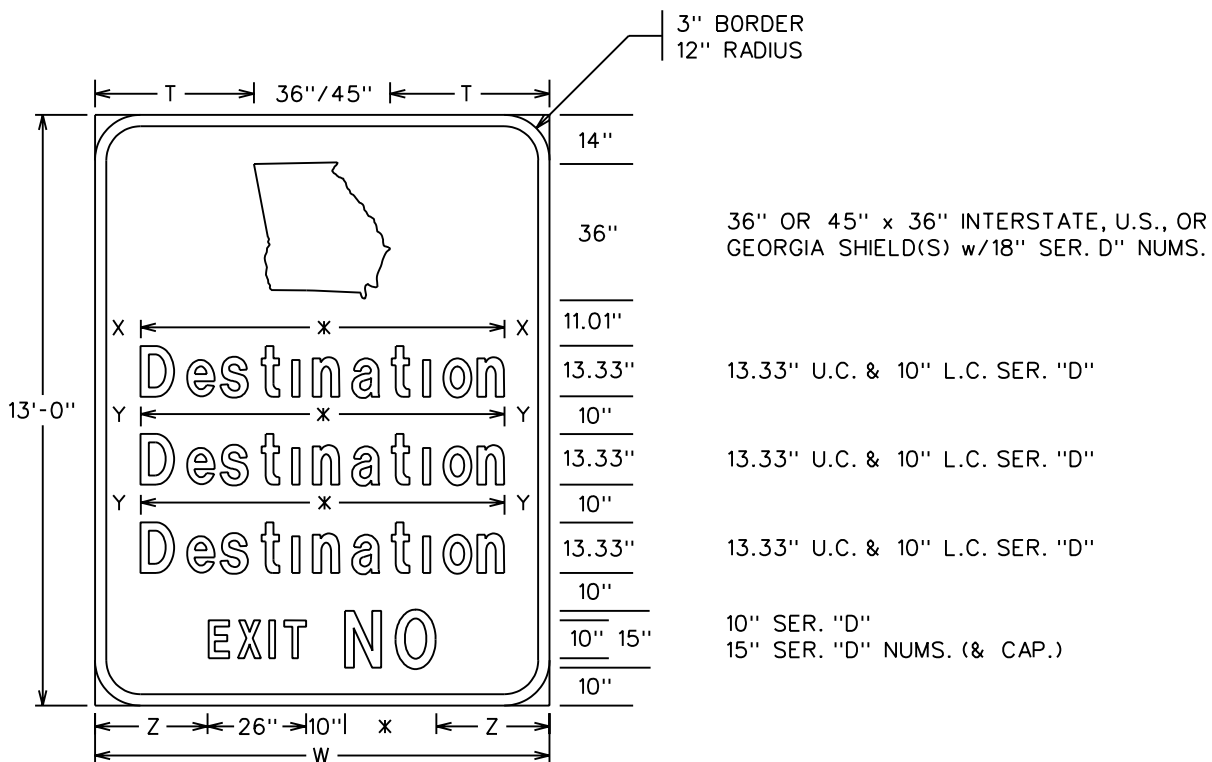
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE (10" MINIMUM, 13" MAXIMUM IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 95

DETAILS OF SUPPLEMENTAL SIGNS

- NO SCALE -



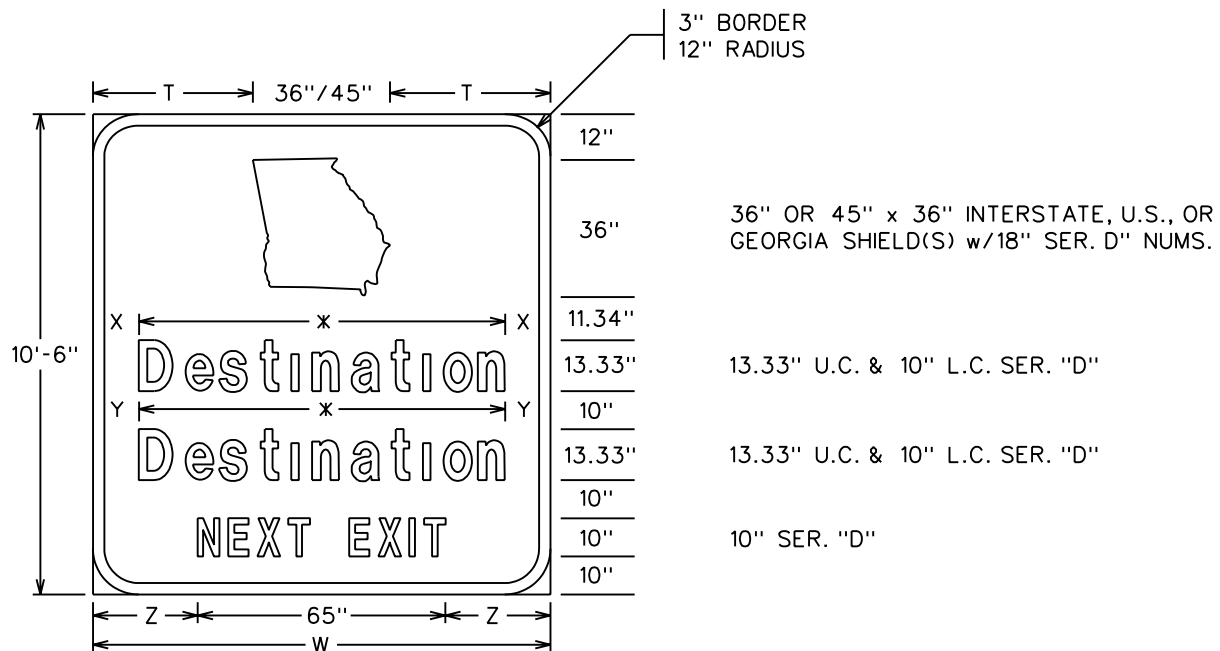
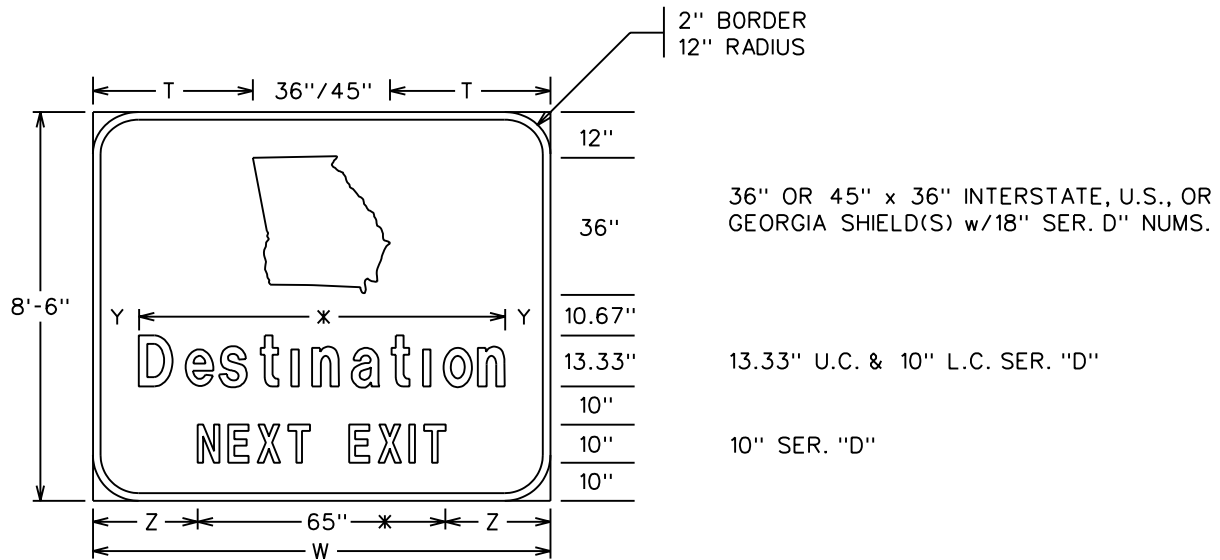
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE (10" MINIMUM, 13" MAXIMUM IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (15" MINIMUM IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 96

DETAILS OF SUPPLEMENTAL SIGNS

- NO SCALE -



LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- T DETERMINED BY CENTERING SHIELD(S) (18" MINIMUM IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE (10" MINIMUM, 13" MAXIMUM IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND
- Z DETERMINED BY CENTERING LEGEND (12.5" IF GOVERNING LINE OF COPY)

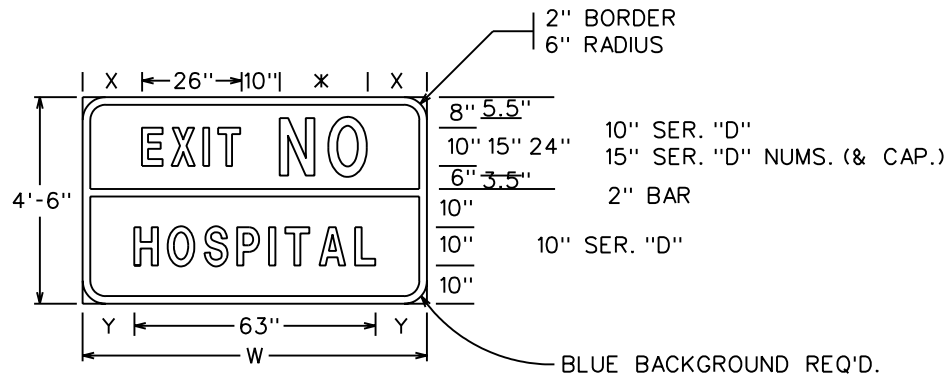
- NO SCALE -



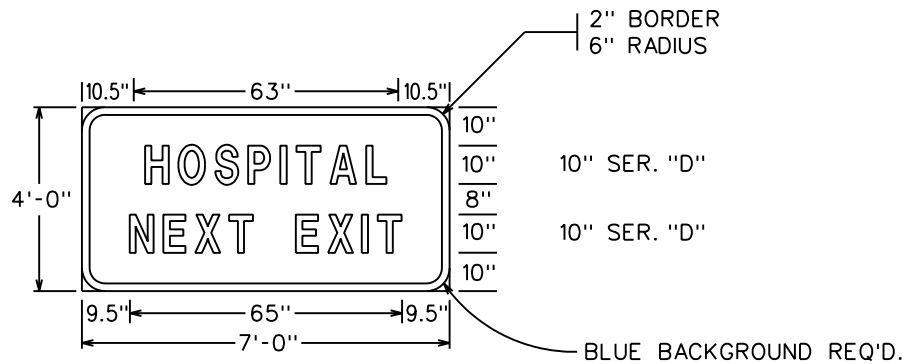
- A-97

SIGN TEMPLATE 98 DETAILS OF HOSPITAL SIGNS

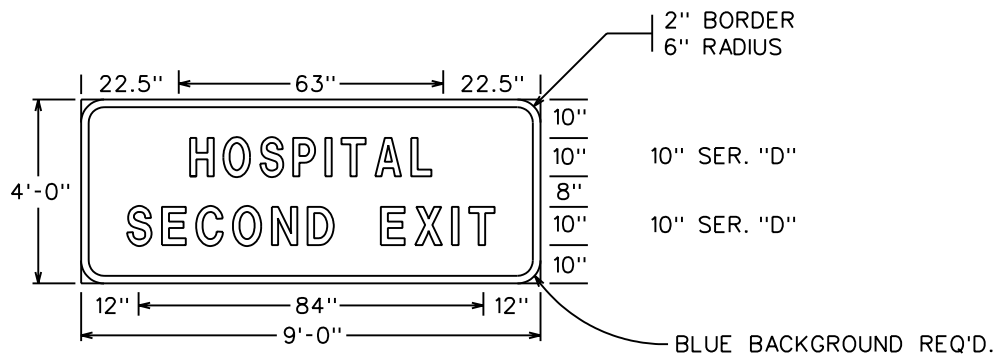
- NO SCALE -



NOTE:
USE THIS DETAIL ON ALL ROUTES WITH EXIT NUMBERS.



NOTE:
USE THIS DETAIL ON ALL ROUTES WITHOUT EXIT NUMBERS FOR SINGLE EXIT INTERCHANGES AND FOR THE FIRST EXIT AT DUAL EXIT INTERCHANGES.



NOTE:
USE THIS DETAIL ON ALL ROUTES WITHOUT EXIT NUMBERS FOR THE SECOND EXIT AT DUAL EXIT INTERCHANGES.

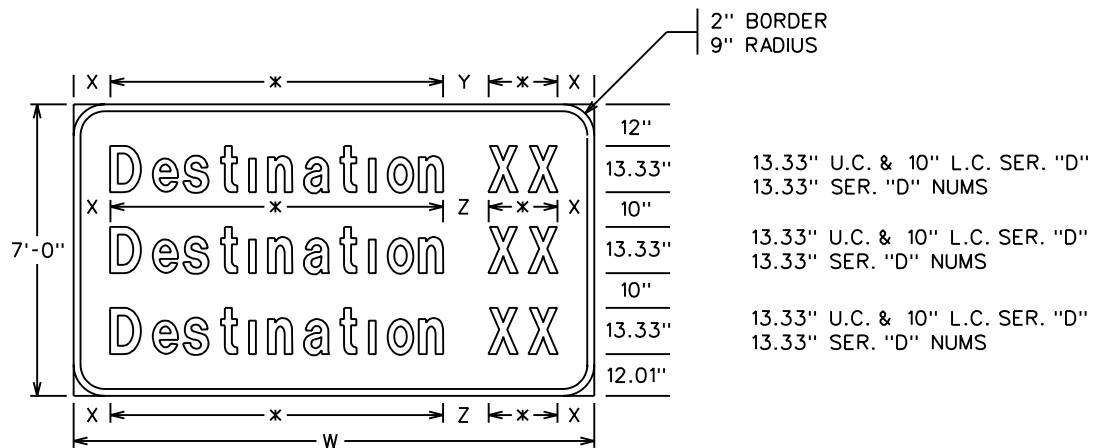
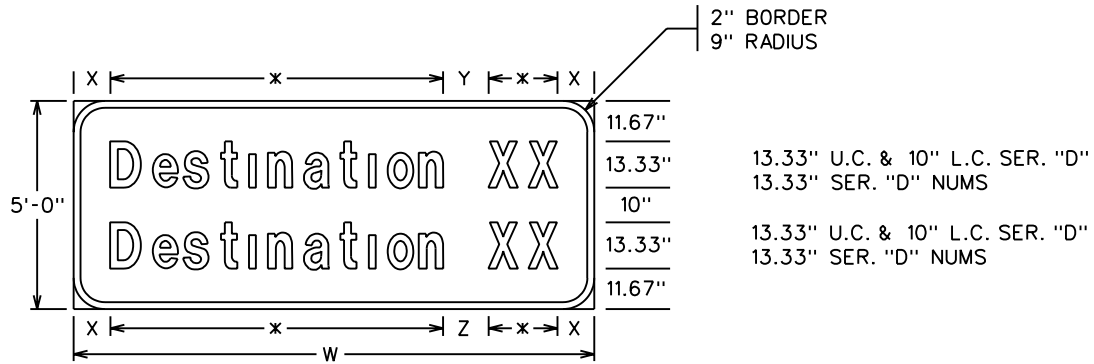
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE (15" MINIMUM, 17.5" MAXIMUM IF GOVERNING LINE OF COPY)
- Y VARIABLE (10.5" IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 99

DETAILS OF MILEAGE SIGNS

- NO SCALE -

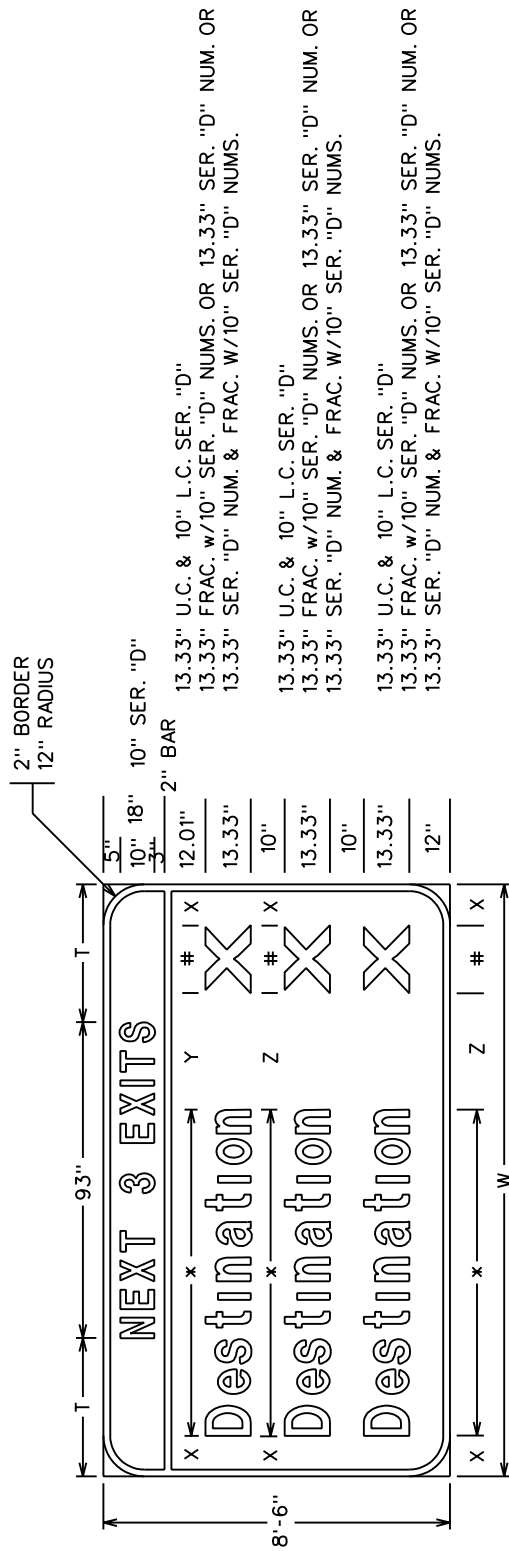


LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE (10" MINIMUM, 13" MAXIMUM)
- Y VARIABLE, 13" MINIMUM (IF IN GOVERNING LINE OF COPY)
- Z VARIABLE

SIGN TEMPLATE 100

- NO SCALE -



NOTE:
WHEN 2 SIGNS ARE PLACED BACK-TO-BACK ON THE SAME
STRUCTURE, BOTH SIGNS SHALL BE THE SAME WIDTH

LEGEND:

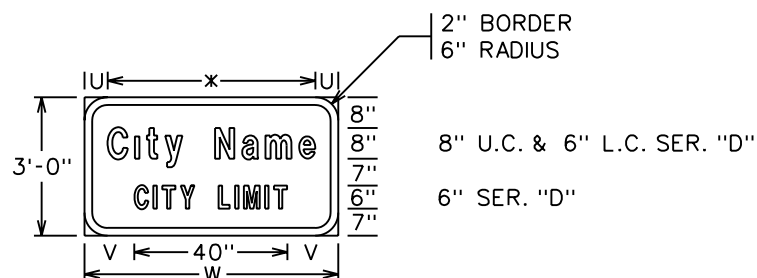
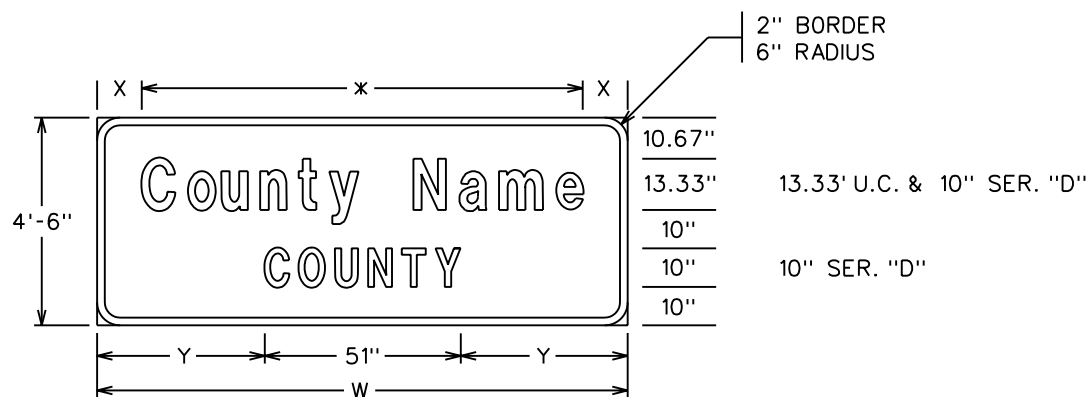
- * DETERMINED BY LEGEND ANALYSIS PROGRAM
SEE SPACING CHART ON THIS SHEET
T DETERMINED BY CENTERING LEGEND (12" MINIMUM IF GOVERNING LINE OF COPY)
W WIDTH OF SIGN (FEET & INCHES)
X VARIABLE, 10" MINIMUM, 13" MAXIMUM
Y 13" MINIMUM AND DESIRABLE IF ON GOVERNING LINE OF COPY
Z VARIABLE IF OTHER LEGEND IS GOVERNING LINE OF COPY

SPACING CHART	
FRACTION $\frac{1}{4}$	20"
FRACTION $\frac{1}{2}$	20"
FRACTION $\frac{3}{4}$	25"
SPACE BETWEEN NUMBER & FRACTION	5"
WHOLE NUMBER	USE LEGEND ANALYSIS PROGRAM

SIGN TEMPLATE 101

DETAILS OF POLITICAL BOUNDARY SIGNS

- NO SCALE -



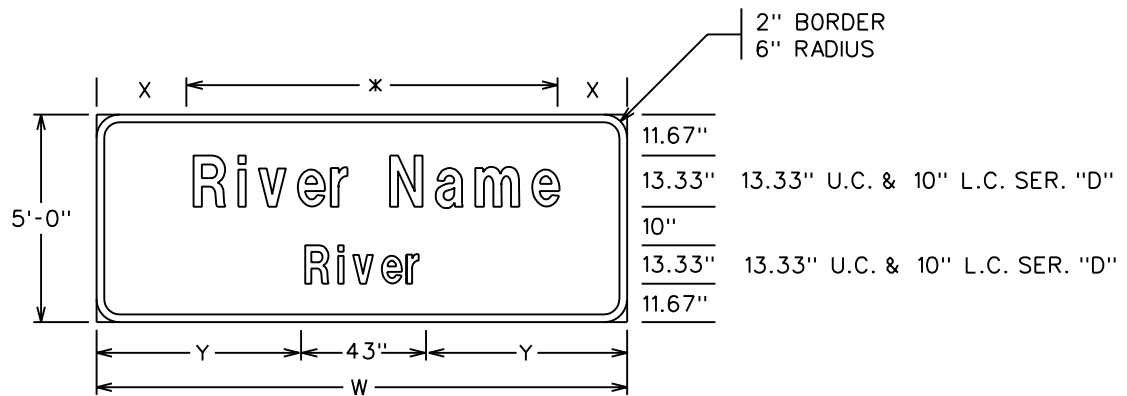
LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- U VARIABLE (6" MINIMUM, 8.5" MAXIMUM IF GOVERNING LINE OF COPY)
- V DETERMINED BY CENTERING LEGEND (7" IF GOVERNING LINE OF COPY)
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE (10" MINIMUM, 13" MAXIMUM IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND (10.5" IF GOVERNING LINE OF COPY)

SIGN TEMPLATE 102

DETAILS OF RIVER SIGN

- NO SCALE -



LEGEND:

- * DETERMINED BY LEGEND ANALYSIS PROGRAM
- W SIGN WIDTH (FEET & INCHES)
- X VARIABLE (10" MINIMUM, 13" MAXIMUM IF GOVERNING LINE OF COPY)
- Y DETERMINED BY CENTERING LEGEND (11.5" IF GOVERNING LINE OF COPY)